

# CLINICAL CONGRESS 2013

PROGRAM

## THE NEXT 100 YEARS

*Inspiring Quality*



OCTOBER 6–10, 2013 | WASHINGTON, DC  
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THE DISTRICT OF COLUMBIA  
VINCENT C. GRAY, MAYOR

# Proclamation



## AMERICAN COLLEGE OF SURGEONS WEEK

OCTOBER 6 - 10, 2013

**WHEREAS**, the American College of Surgeons (ACS) is celebrating its 100<sup>th</sup> Anniversary which will conclude with the Annual Clinical Congress at the Washington Convention Center in Washington, D.C.; and

**WHEREAS**, ACS is largest the surgical organization in the world and remains steadfast in its mission to improve the care of surgical patients and to safeguard standards of care in the optimal and ethical practice environment; and

**WHEREAS**, the 2013 ACS Clinical Congress is the most prestigious international surgical conference that brings together thousands of Fellows of the College and other health care professionals who each year rely on the Congress to learn about the latest surgical advances, practice management methods, and health policy issues; and

**WHEREAS**, this Centennial celebration serves as a testament that ACS is continuing to fulfill its mission of engaging surgeons as leaders and educators, and developing initiatives that improve surgery and the quality of care for surgical patients:

**NOW, THEREFORE, I, THE MAYOR OF THE DISTRICT OF COLUMBIA**, do hereby proclaim October 6 - 10, 2013, as "AMERICAN COLLEGE OF SURGEONS WEEK" in Washington, D.C.

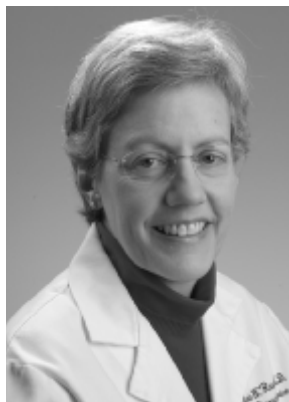
A handwritten signature in cursive script that reads "Vincent C. Gray".



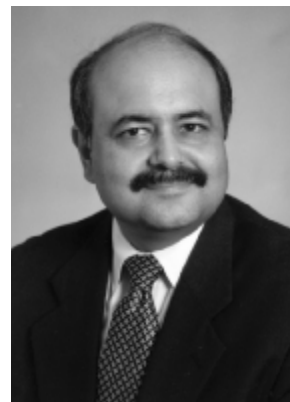


## Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to extend to you a very warm welcome to the 2013 Clinical Congress of the American College of Surgeons (ACS). This Clinical Congress will continue the yearlong celebration of the ACS Centennial. The Clinical Congress remains the premier annual educational meeting for surgeons and continues to offer a spectrum of stellar educational opportunities that are firmly grounded in principles of contemporary surgical education and continuous professional development. Over the past several years, transformational changes have been introduced in the Clinical Congress Program to enhance its educational value and relevance, in order to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team.



Dr. Rusch



Dr. Sachdeva

The 2013 Clinical Congress Program is organized into tracks, and each track is composed of blocks with uniform start and end times. Different types of sessions are included within these tracks. The 11 Named Lectures and 105 Panel Sessions will address a broad range of important topics that focus on the breadth of surgical practice and will include both clinical and nonclinical content. In addition, 13 Didactic Postgraduate Courses and 15 Skills Postgraduate Courses will be offered. Original scientific work will be presented at the Scientific Paper Sessions, Owen H. Wangenstein Surgical Forum Sessions, and Poster Presentation Sessions. More than 1,700 abstracts were received for these sessions, and the best submissions were selected for presentation. In addition, more than 300 submissions were received for the Video-based Education Sessions, of which a select number were accepted for presentation. A total of 28 Panel Sessions, one Surgical Forum Session, and nine Postgraduate Courses will specifically address patient safety topics. The Program will also include 37 Meet the Expert Luncheons and 12 Town Hall Meetings. We would like to especially bring to your attention the timely sessions on Lessons Learned from the Boston Marathon Bombing and Mass Casualty Shootings: Saving the Patients that were recently added to the Program. The Centennial Report on the contributions of *JACS* and the *BJS* should also be of interest to attendees.

Continuing Medical Education (CME) Credits earned through participation in the Clinical Congress Program will be transferred seamlessly to the My CME Web pages for ACS Members. Individuals who participate in Didactic and Skills Postgraduate Courses will receive special certificates of verification based on the Division of Education's Five Level Verification Program. Self-Assessment Credits will be offered for certain Panel Presentations and Postgraduate Courses. In addition, special certificates will be awarded for designated Patient Safety, Ethics, and Trauma sessions.

The Program of the Clinical Congress should be of great value to attendees in addressing their specific learning needs and help in fulfilling requirements for Maintenance of Certification, credentialing, and privileging. We encourage you to take full advantage of this stellar educational opportunity and look forward to receiving your feedback regarding the Program's new directions.

Valerie W. Rusch, MD, FACS  
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCSC  
Director, Division of Education

## Program Committee of the American College of Surgeons

*Responsible for planning and implementing the continuing medical educational offerings of the College, primarily the Postgraduate Courses and other sessions and symposia at the annual Clinical Congress. In addition to its 13-member committee, more than 30 liaison members represent the various disciplines and groups in surgery.*

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Valerie W. Rusch, MD, FACS, *New York, NY*

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William D. Spotnitz, MD, FACS, *Gainesville, FL*

STAFF:

Ajit K. Sachdeva, MD, FRCSC, FACS, *Chicago, IL*

Julie Tribe, MEd, *Chicago, IL*

Eric Shurtleff, *Chicago, IL*

Please note: As the official planning committee of the 2013 Clinical Congress, full disclosure of the Program Committee members' financial relationships are available on page 176.

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## ACS Staff Pledge to the Surgical Community

We affirm that the Clinical Congress is the premier educational and networking event in surgery. We will leverage our expertise to ensure its success and help the surgical community provide the best patient care. We will do this by continually improving the experience and exceeding your expectations.



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# General Information

## Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of the Members, and shall include the Convocation (*Bylaws*, American College of Surgeons (ACS), Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

## Objective

By the conclusion of the Clinical Congress, participants should gain and be able to apply the knowledge needed to improve their current practice, research, and care of surgical patients.

The ACS sponsors the Clinical Congress to promote advances in surgery and other areas of science. The information presented through the programs and exhibits is neither verified nor endorsed by the ACS. Presenters and exhibitors are solely responsible for content.

## Registration Locations and Hours

An official registration badge is required for entrance to all sessions and exhibit hall. Registration location and hours are listed below.

Walter E. Washington Convention Center, Hall A

Sunday, October 6 . . . . . 7:00 am – 6:00 pm  
Monday, October 7 . . . . . 6:30 am – 5:00 pm  
Tuesday, October 8 . . . . . 7:00 am – 4:00 pm  
Wednesday, October 9 . . . . . 7:00 am – 4:00 pm  
Thursday, October 10 . . . . . 7:00 – 10:00 am

Marriott Wardman Park hotel (advance registration only)

Sunday, October 6 . . . . . 7:00 am – 6:00 pm  
Monday, October 7 . . . . . 6:30 am – 5:00 pm

\*The Marriott Wardman Park hotel registration location will handle advance registration only. If you require on-site registration, ticket changes, or pur-

chases, please visit On-site Registration at the Walter E. Washington Convention Center during the times listed on this page.

## Badge Designations

For rapid identification purposes, the badge colors and designations for this year's Clinical Congress are as follows:

### Gold – Member

*Includes the following categories:*

Fellow  
New Fellow  
Associate Fellow  
Resident Member  
Medical Student Member  
Affiliate

### Green – Nonmember

*Includes the following categories:*

Resident nonmember  
Guest physician  
Medical student nonmember  
Allied Health (hospital administrator, hospital purchasing agent, medical association personnel, physician assistant, technician, other)  
Nurse nonmember  
PhD nonmember

### Teal

*Includes the following categories:*

Guest registration  
Press  
Scientific exhibitor  
Commercial press

### Red

Technical exhibitors

### Gray

Commercial representatives (manufacturer representatives, distributor, public relations firm, advertising representative, consultant, and potential exhibitors)

### Blue

ACS staff

## Postgraduate Courses and Fees

Admission to all Postgraduate Courses is by badge and ticket. Postgraduate Course tickets only may be purchased in the registration area by registered meeting attendees. A complete listing of courses can be found on pages 45–66. Seating capacities are limited; on-site ticket purchases are subject to availability. Available courses are posted in the registration area.

Tickets may only be exchanged before the start of a course and only for another Postgraduate Course. Meeting room assignments for Postgraduate Courses are printed on the course ticket.

The ACS reserves the right to cancel any regularly scheduled session prior to the start of the meeting and assumes no responsibility for nonrefundable airline tickets or other travel costs. The ACS will make every effort to immediately notify registrants of a cancellation.

## Accreditation

The ACS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## Continuing Medical Education (CME) Credit

The American College of Surgeons designates this live activity for a maximum of 30\* *AMA PRA Category 1 Credits*.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

\*A maximum of 17 *AMA PRA Category 1 Credits*™ can also be earned through completion of Meet-the-Expert Luncheons and weekend Postgraduate and Skills-Oriented Courses.

## CME Certificates

CME Credit is offered to all eligible physicians, but must be claimed.

There are two options available to claim CME credit for non-ticketed sessions (PS, NL, SF, VE, SP):

### 1. Onsite at the My CME Booth located in the ACS Program Area, lower level of the Walter E. Washington Convention Center.

Hours of operation for the MY CME Booth are as follows:

Sunday, October 6 . . . . . 7:00 am – 5:00 pm  
(questions and program information only)  
Monday, October 7 . . . . . 1:00 pm – 6:00 pm  
Tuesday, October . . . . . 7:00 am – 6:00 pm  
Wednesday, October 9 . . . . . 7:00 am – 6:00 pm  
Thursday, October 10 . . . . . 6:30 am – 12:00 pm

### 2. Online

Clinical Congress participants may claim CME for the Clinical Congress at: [www.cme.facs.org](http://www.cme.facs.org). **The deadline to claim CME credit for the 2013 Clinical Congress is March 31, 2014.**

Please note that CME credit earned for Postgraduate Didactic and Skills-Oriented Courses will be posted to ACS members' My CME transcript page and sent via email to all nonmembers within two months following the meeting. Note: session evaluations, Self-Assessment (if applicable) and global evaluations must be completed.

Sessions have been identified for those participants in need of CME credit specific to Patient Safety, Trauma, and Ethics based on state and institutional requirements. Designations (PTS, T, E) can be found next to these sessions in the Program Book and Attendance Tracking Card insert. Credit claimed for these sessions will be identified as such and included on the CME certificate. Those sessions designated as Webcasts (W) and offering Self-Assessment (SA) will also be identified in the Program Book and Attendance Tracking Card insert.

## NEW! Self-Assessment Credit Available for 36 Non-Ticketed Sessions

A maximum of 24 Self-Assessment Credits may be earned through participation in designated non-ticketed sessions. The 36 sessions are identified in the Program Book and on the Attendance Tracking Card. The non-ticketed sessions that offer Self-Assessment credit are also available as a webcast package for purchase. In order to earn Self-Assessment Credit for these sessions the physician must complete the session evaluation and successfully complete (75 percent) a post-test for each session. The post-tests can be accessed at: [www.cme.facs.org](http://www.cme.facs.org). It is strongly recommended that session evaluations and Self-Assessment questions are completed off-site.

**The deadline date for completing the post-tests and receiving Self-Assessment Credit is November 3.**

**Self-Assessment Credit for the non-ticketed sessions will not be available after the deadline.** Please note that earning Self-Assessment Credit for these sessions is voluntary. You will receive CME Credit for all non-ticketed sessions claimed for the meeting. Self-Assessment Credit is an optional component of those sessions. CME Credit claimed and Self-Assessment Credit earned will be noted on the CME Certificate.

Completion of the Global Evaluation is required to claim CME and Self-Assessment Credit as well as generate a CME certificate, which will be posted to ACS Member's My CME page. Members and nonmembers will be sent an email with a link to print their CME Certificate. Self-Assessment Credits earned will be reflected on the CME Certificate. For more information on the details of how to claim CME and Self-Assessment, please visit the My CME booth.

## ACS Disclosure Policy

In accordance with the ACCME Accreditation Criteria, the ACS must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Members of the Program Committee were required to disclose all financial relationships and speakers were required to disclose any

financial relationship as it pertains to the content of the presentations. All reported conflicts are managed by a designated official to ensure a bias-free presentation. However, if you perceive a bias during a session, please report the circumstances on the session evaluation form. Additional information regarding the ACS disclosure process and the complete disclosure list for this meeting can be found on page 176.

## Acknowledgment

The ACS acknowledges the following companies for their assistance in providing educational grants for the Postgraduate Skills Courses:

Applied Medical Resources Corp., Boston Scientific, Cook Medical, Covidien, Ethicon-Endo-Surgery, Karl Storz Endoscopy, and Stryker.

The following companies have provided the use of equipment during the Postgraduate Skills Courses:

Applied Medical Resources Corp., BK Medical, Boston Scientific, Cook Medical, Covidien, DePuy Synthes, Ethicon-Endo-Surgery, GE Healthcare, Hitachi Aloka Ultrasound, Ltd., Karl Storz, Kimberly-Clark, Minimally Invasive Devices, Inc., Simbionix, Stryker, and Terason Ultrasound.

## CompuLEAD Recording System

To expedite your visits with the exhibitors, the College continues to use the enhanced LEAD retrieval system. To receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder, and the exhibitor will have the information to instantly fill your request.

## Fire and Safety

The ACS complies with all local, state, and federal safety regulations. The ACS reserves the right to limit attendance in sessions deemed unsafe by local fire and safety officers. In keeping with municipal codes, smoking is prohibited in public meeting facilities.

## Initiates'/Fellows' Photography Studio

The studio will be located at the Walter E. Washington Convention Center, Hall A, and will be accessible during the following hours:

Sunday, October 6 . . . . .	8:00 am – 9:00 pm
Monday, October 7 . . . . .	8:00 am – 4:00 pm
Tuesday, October 8 . . . . .	8:00 am – 4:00 pm
Wednesday, October 9 . . . . .	8:00 am – 4:00 pm
Thursday, October 10 . . . . .	8:00 am – 12:00 noon

## Cell Phones/Pagers

As a courtesy to your colleagues, please silence cell phones and pagers while in the scientific session rooms.

## Wi-Fi Information

Free Wi-Fi will be available at Walter E. Washington Convention Center for basic browsing and checking e-mail in all of the public concourse areas.

Complimentary Internet service is available in the lobby of the Marriott Wardman Park.

## Help and Information Kiosks

Help and Information Kiosks will be located throughout the Walter E. Washington Convention Center and will be available during registration hours. Inquiries concerning the Clinical Congress may be made at these kiosks.

## Housing Information Desk

Representatives from the ACS official housing agency, Travel Planners, will be available to answer any questions you have regarding your hotel reservations and will be able to modify your current reservation or make new reservations if needed. The Housing Information Desk is located in the Walter E. Washington Convention Center, Hall A, in the ACS Registration Area, and will be open during registration hours. Phone: 202-249-4038. If you need assistance during non-registration hours, a Travel Planners representative will be available at 917-364-5758.

**NEW THIS YEAR!** Make your hotel reservation for the 2014 ACS Clinical Congress in San Francisco, CA, at the Housing Information Desk. Representatives will be available to answer any questions that you have pertaining to participating hotels.

## Bistro ACS

Grab lunch and network with company representatives or your colleagues at Bistro ACS located in the Exhibit Hall at the Walter E. Washington Convention Center Monday, October 7, through Wednesday, October 9. Bistro ACS provides an opportunity for uninterrupted face-to-face time between attendees and exhibiting companies. Bistro ACS offers assorted menu options, including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive buffet: \$23 includes lunch, beverages, dessert, and tax. Bistro ACS also provides attendees with express seating and is conveniently located. Tickets may be purchased daily at the Bistro ACS booth in the Walter E. Washington Convention Center, Hall A, or purchased online at [www.bistroACS.com](http://www.bistroACS.com).

## Centennial Celebration

- The Centennial cake-cutting celebration:  
Please join us for coffee, cordials, conversation,  
and the Centennial cake-cutting ceremony.  
Tuesday, October 8  
Salon 1, Marriott Wardman Park hotel.  
8:30 - 11:00 pm (Cake-cutting at 10:00 pm)
- Centennial Timeline exhibit:  
100 Years of Inspiring Quality—An Interactive  
Timeline  
Located in: The Walter E. Washington Convention  
Center
- Refer to the Centennial Track for a complete listing  
of all Centennial-related Scientific sessions.

## George F. Sheldon, MD, FACS, “Celebration of Life” Service



Please join us for the  
George F. Sheldon, MD,  
FACS, “Celebration of Life”  
Service as we fondly recall  
Dr. Sheldon’s extraordinary  
contributions to American  
surgery and tireless service  
to the American College  
of Surgeons. The memo-  
rial service will take place  
Wednesday, October 9,  
at the Walter E. Washington  
Convention Center, 6:15–  
7:15 pm, in room 146B.

## Breaks

Breaks are scheduled at 9:30 am, 11:15 am, and 4:00 pm on Monday; 9:30 am, 2:15 pm, and 4:00 pm on Tuesday and Wednesday; and 9:30 am on Thursday. At these times, all sessions except Postgraduate Courses will have a 15-minute break. On Monday, there will be an extended break between 1:00 and 2:30 pm and Tuesday and Wednesday between 11:15 am and 12:45 pm.

## ACS Resource Center

The ACS Resource Center is located in the Walter E. Washington Convention Center, Hall A. This area provides information on the ACS programs and products as well as services for attendees. Exhibits Include:

ACS Archives  
ACS Merchandise  
ACS Surgeon Specific Registry and Case Log  
Training Center  
Advanced Trauma Life Support Course (ATLS®)  
Advocacy and Health Policy

Bistro ACS  
Career Opportunities  
Cyber Café  
Division of Education  
ACS Foundation–FLS Lounge (located in the Grand Lobby)  
Fundamentals of Surgery Curriculum  
Housing Assistance  
*Journal of the American College of Surgeons (JACS)*  
Member Services  
Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program  
My CME Connection  
ACS National Surgical Quality Improvement Program (ACS NSQIP®)  
Operation Giving Back  
Optimal Patient Care – Cancer  
ACSPA-SurgeonsPAC Booth (located in the Grand Lobby)  
Photo and Public Profile  
Restaurant Reservations  
*Selected Readings in General Surgery (SRGS)*  
*Surgery News*  
*Surgical Education and Self-Assessment Program (SESAP®)*  
Trauma  
Webcast Sales  
WiseMD

The ACS Resource Center will be open during the following hours:

Sunday, October 6 . . . . . 7:00 am – 5:00 pm  
Monday, October 7 . . . . . 7:00 am – 6:00 pm  
Tuesday, October 8 . . . . . 7:00 am – 6:00 pm  
Wednesday, October 9 . . . . . 7:00 am – 6:00 pm  
Thursday, October 10 . . . . . 7:00 am – 12:00 noon

## Clinical Congress News

The official annual meeting newspaper will be distributed at the Walter E. Washington Convention Center and at major hotels each morning during the Congress. Last-minute program changes and other timely information will be announced in the newspaper. Items for publication must be delivered or phoned to the *Clinical Congress News* office at the Walter E. Washington Convention Center before 1:00 pm on the day immediately preceding the desired date of publication.

## Scientific Poster Presentations

The Scientific Poster Presentations is a forum of more than 350 posters showcasing timely, innovative information and findings on original scientific research, surgical practices, and approaches.

The Scientific Poster Presentations will be located in the Walter E. Washington Convention Center and will be open 9:00 am to 4:30 pm, Monday through Wednesday.

## Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services. The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located in the Walter E. Washington Convention Center, Halls A and B, and will be open 9:00 am to 4:30 pm, Monday through Wednesday.

## Webcast and Audio Offerings

### Clinical Congress Sessions available as Webcast Pick 12 of 2013, Webcast Package, or Complete Best Value Package

Maximize your CME opportunities with an individual learning experience online. View webcast sessions synchronized to speaker's presentation. Now available for viewing on your tablet device (Android/iPad).


Earn additional *AMA PRA Category 1 Credits™* upon successful completion of online exams and evaluations. **Webcasts offer self-assessment credit.** Webcast sessions contain presentations followed by a posttest (requires a score of 75 percent or higher), an evaluation and a printable CME certificate.


### Webcast Pick 12 of 2013

Select 12 out of the 36 webcast sessions of 2013 Clinical Congress.

### 2013 Webcast Package

Access all 36 webcast sessions of the 2013 Clinical Congress.

The selected sessions for webcast are identified in the Scientific Program section with this icon .

The selected sessions for audio capture are identified in the Scientific Program section with this icon .

### 2013 Complete Best Value Package

(Webcasts and selected MP3 audio recordings)

**\*\*Provides more than 100 CME hours\*\***

Access all 36 webcast sessions of 2013 Clinical Congress and a Set of MP3 audio recordings of all Named Lectures and select Panel Sessions.

**\*\*BONUS CONTENT\*\*** Receive immediate access to the webcast library consisting of all 36 webcast sessions from the 2012 Clinical Congress only.

**Note: 2013 webcasts will be available for viewing starting December 15, 2013, and access expires December 31, 2014.**

To purchase any of these products or to obtain additional information during the Clinical Congress, visit the webcast sales booth at the Walter E. Washington Convention Center, Hall A, or visit [www.facs.org/education/elearning](http://www.facs.org/education/elearning) or e-mail [elearning@facs.org](mailto:elearning@facs.org).

## Shuttle Bus Service

The ACS provides complimentary shuttle bus service between designated hotels in the ACS block and the Walter E. Washington Convention Center. The complimentary shuttle bus service will run on the following schedule:

Sunday, October 6:	6:30 am – 6:15 pm
	8:00 pm – 9:45 pm*
Monday, October 7:	6:30 am – 6:15 pm
Tuesday, October 8:	6:00 am – 6:15 pm**
Wednesday, October 9:	6:30 am – 7:30 pm***
Thursday, October 10:	6:30 am – 11:45 am


Frequency will be 15 to 20 minutes.

\*Service from the Convention Center to hotels on all routes.

\*\*Limited early service is being provided for satellite symposia attendees on all routes.

\*\*\*Limited late service from Convention Center to hotel on all routes.

NOTE: Shuttle bus times and routes are subject to change. Please check your hotel lobby for the most up-to-date schedule and routes.

 For hotel shuttle information or special needs transportation, please call 877-875-2455.

## First Aid Facilities/ Lactation Room

The first aid office is located at the Walter E. Washington Convention Center in front of Hall A. A lactation room will be located in the Hall A conference office. The telephone number will be published in the *Clinical Congress News*. The hours of operation are as follows:

Sunday, October 6	7:00 am – 8:00 pm
Monday, October 7	6:30 am – 6:00 pm
Tuesday, October 8	7:00 am – 6:00 pm
Wednesday, October 9	7:00 am – 6:00 pm
Thursday, October 10	7:00 am – 12:00 noon

## Children

The ACS policy regarding children is as follows:

- Children under 12 years of age are not permitted on Social Program tours
- Children under 16 years of age are not permitted on exhibit floor or in scientific sessions
- Children ages 16 and older must have a badge to enter exhibit area or meeting rooms

This policy includes infants in strollers and in arms.

See page 15 for information on Camp ACS.



# Friends of Bill W.

Friends of Bill W. will meet Monday, October 7, through Wednesday, October 9, 7:00 – 8:30 pm, at the Marriott Wardman Park, room 8201.

# Lost and Found

Lost and Found areas are located in the ACS Convention Office at the Marriott Wardman Park and in the Convention and Exhibit Office at the Walter E. Washington Convention Center, Hall A. Individuals needing assistance with lost or found items should contact one of these offices.

# Prayer Room

A prayer room will be available during the meeting and will be located in the Hall B show office.

# Speaker Ready Room

The Speaker Ready Room is located in the Walter E. Washington Convention Center, Hall A. Days and hours of operation are as follows:

Saturday, October 5. . . . . 7:30 am – 4:00 pm  
Sunday, October 6 . . . . . 7:00 am – 5:00 pm  
Monday, October 7 . . . . . 6:30 am – 6:00 pm  
Tuesday, October 8 . . . . . 6:30 am – 6:00 pm  
Wednesday, October 9 . . . . . 6:30 am – 6:00 pm  
Thursday, October 10 . . . . . 6:30 – 11:00 am

It is requested that all speakers visit the Speaker Ready Room at least four hours in advance of their presentation time to verify the receipt of presentations. Speakers who have not yet submitted their presentations or who have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

# ACS Logo Merchandise

ACS exclusive logo merchandise will be available for purchase at the Logo Merchandise booth located at the Walter E. Washington Convention Center, Hall A. The hours of operation are as follows:

Sunday, October 6 . . . . . 7:00 am – 5:00 pm  
Monday, October 7 . . . . . 7:00 am – 6:00 pm  
Tuesday, October 8 . . . . . 7:00 am – 6:00 pm  
Wednesday, October 9 . . . . . 7:00 am – 6:00 pm  
Thursday, October 10 . . . . . 7:00 am – 12:00 noon

# Cyber Cafés

The Cyber Cafés will be located at the Walter E. Washington Convention Center, Halls A and B. Clinical Congress attendees may use these areas to check or send e-mail and stay in touch with the office.

# Alumni and Ancillary Event Bulletin Board

Space is provided to post information for meetings, job opportunities, seminars, and other information of interest in the Walter W. Washington Convention Center, Hall A.

# Future Meetings

2014	San Francisco, CA	October 26–30
2015	Chicago, IL	October 4–8
2016	Washington, DC	October 16–20

# Guest Registration

Guests may register on-site for an \$85 nonrefundable registration fee. All Guest Registrants must be accompanied by a Scientific Program registrant of another category. Guest registration is meant for nonmedical attendees only. Guests are not eligible for continuing medical education credits or a Certificate of Attendance, nor can they attend Postgraduate Courses or Meet-the-Expert Luncheons.

The Guest registration fee entitles you to attend scientific sessions, view the technical and scientific exhibits, purchase event tickets, and use the shuttle service. Guest Registrants also receive a tote bag, including local information and a gift.

On-site guest registration and additional tour tickets (based on availability) may be purchased at the On-Site Registration located at the Walter E. Washington Convention Center and at the Guest Registration Tour Desk at the Renaissance Washington during the registration hours below.

## Convention Center

Location: Hall A

Hours:

Sunday, October 6 . . . . . 7:00 am – 6:00 pm  
Monday, October 7 . . . . . 6:30 am – 5:00 pm  
Tuesday, October 8 . . . . . 7:00 am – 4:00 pm  
Wednesday, October 9 . . . . . 7:00 am – 4:00 pm  
Thursday, October 10 . . . . . 7:00 – 10:00 am

## Guest Registration Tour Desk

Location: Renaissance Washington, DC Downtown Hotel, Meeting Room Level

Hours:

Sunday, October 6 . . . . . 9:00 am – 5:00 pm  
Monday, October 7 . . . . . 7:00 am – 5:00 pm  
Tuesday, October 8 . . . . . 8:00 am – 6:00 pm  
Wednesday, October 9 . . . . . 8:00 am – 12:00 noon

## Tour Departures

Important note: All tours will depart from and return to the Renaissance Washington, DC, Downtown Hotel. Please meet in the lobby (K Street side), unless otherwise indicated. For your comfort, we strongly recommend comfortable walking shoes for all tours. Unless otherwise indicated, all lunches referred to are included in the price of the tour. Children under 12 years of age are not permitted on tours unless otherwise indicated. All children ages 12 and older must be accompanied by an adult.

## Refund Policy

The guest registration fee is nonrefundable. A full refund for tour fees was given if *written notification* of cancellation was received in the ACS Convention Office no later than Monday, September 9. This policy will be strictly enforced, and no refunds will be given after the deadline date.

## Child Policy

Children under 12 years of age may not participate in tours, unless otherwise indicated. This restriction includes infants in arms or strollers. Tour tickets for children 12 years or older may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names and ages. Young adults 16 years and older must be registered as Guests and pay the registration fee to participate in Congress activities. Please note that ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

## Camp ACS

ACCENT on Children's Arrangements Inc. is partnering with the ACS to provide an exciting on-site program tailored especially for the children of ACS members. Children ages six months to 18 years are welcome to participate in Camp ACS.

Camp ACS is located at the Renaissance Washington, DC, Downtown Hotel, on the meeting room level. On-site registration will be offered on a space-available basis.

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is from 12:00 to 1:00 pm.

Hours of operation:

Sunday, October 6, to Wednesday, October 9  
7:30 am – 10:00 pm

If you have questions, stop by the Camp ACS registration desk at the Renaissance Washington, DC, Downtown or call 202-962-4210.

# Sessions-at-a-Glance by Day

## Key to Session/Course Codes

ME Meet-the-Expert Luncheon  
 NL Named Lecture  
 PG Postgraduate Course  
 PP Poster Presentations  
 PS Panel Session  
 SC Skills Course  
 SF Surgical Forum  
 SP Scientific Paper  
 TH Town Hall Meeting  
 VE Video-Based Session

## Location Abbreviations

All sessions are held at the Walter E. Washington Convention Center unless otherwise noted.  
 NCAMSC – National Capital Area Medical Simulation Center  
 SiTEL – SiTEL Simulation Center  
 MWP – Marriott Wardman Park  
 RWDCD – Renaissance Washington DC Downtown

\$ Indicates that additional fees and registration apply

Ⓢ Indicates a Webcast session (Webcast package available for purchase)

SA Self-Assessment Credit available      PtS Patient Safety Credit available

🔊 Audio      T Trauma      E Ethics

SATURDAY, OCTOBER 5			Designated Tracks				Page No.	Location	
8:15 - 5:00	SC01	Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon	HUM				46	NCAMSC	PtS, SA
8:30 - 4:00	PG16-1	Endocrine Surgery Review Course	GEN				55	146A	SA
9:00 - 4:30	SC02	Bedside Procedures in the Surgical Intensive Care Unit (ICU): What, Why, and How	TRA				46	151B	PtS, T
9:30 - 5:00	PG17	Basic Office Coding and Profitable Practice Operations	HP				57	147	
SUNDAY, OCTOBER 6			Designated Tracks				Page No.	Location	
8:00 - 12:15	SC03	Ultrasound for Pediatric Surgeons	PED				47	208	SA
8:00 - 3:30	PG18	Management of Benign Anorectal Disease	CRS	GEN			58	147	
8:00 - 5:30	SC04	Flexible Endoscopy for General Surgeons	GEN				48	103	SA
8:30 - 4:00	PG16-2	Endocrine Surgery Review Course	GEN				55	146A	SA
9:00 - 4:30	PG19	Mastering General Surgery Coding (Advanced)	HP				58	151B	
9:30 - 5:00	SC05	Surgical Education: Principles and Practice	EDU				48	140	
11:30 - 3:00		Focus on RAS, Resident Leadership Session	RES/MED				34	151A/150	
11:30 - 5:45		Medical Student Program, Session I	RES/MED				34	144	
3:00 - 5:30		Resident and Associate (RAS) Symposium	RES/MED				34	150	
1:00 - 5:15	SC06	Focused Assessment with Sonography in Trauma (FAST) Ultrasound	TRA				49	208	T, SA
6:00 - 8:00		Convocation					54	Ballroom AB	
MONDAY, OCTOBER 7			Designated Tracks				Page No.	Location	
8:30 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	URO				43	Ballroom AB	🔊
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	CTS				43	150	🔊
9:45 - 11:15	PS100	Acute Cholecystitis: What to Do When the Patient Is Too Sick?	GEN				69	Ballroom AB	Ⓢ PtS, SA
9:45 - 11:15	PS101	Abdominal Wall Reconstruction in an Infected Field	GEN				69	Ballroom C	🔊
9:45 - 11:15	PS102	Controversies in the Surgical Treatment of Pancreatic Cancer	GEN	ONC			69	202	Ⓢ SA
9:45 - 11:15	PS103	"What Do You Mean, I Might Need an Operation? I Feel Fine...": Endocrine Incidentalomas—Work-Up and Management	GEN				70	145	Ⓢ SA
9:45 - 11:15	PS104	The Toughest Trauma Case I Ever Had	GEN	TRA			70	207	🔊 PtS, T
9:45 - 11:15	PS105	Management of Hereditary Colon Cancer Syndromes	CRS	ONC			70	152	Ⓢ SA

9:45 - 11:15	SF01	Apoptosis/Cellular Injury	GEN				109	149	
9:45 - 11:15	SF02	Neurosurgery	NEU				110	209B	
9:45 - 11:15	SF03	Obstetrics and Gynecology	OBG				110	209C	
9:45 - 11:15	SP01	Bariatric Surgery	GEN				100	151A	
9:45 - 1:00	PS106	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2013 Volunteerism and Humanitarian Award Winners	GEN	HUM	INT		71	154	
9:45 - 1:00	SF04	Alimentary Tract I	GEN				111	102	
9:45 - 1:00	SF05	Quality, Outcomes, and Costs I	EDU	HP			111	143BC	
9:45 - 1:00	SF06	Targeted Therapies	BTR				112	143A	
9:45 - 1:00	VE01	Challenging and Unusual Problems in Surgery	GEN				135	206	
9:45 - 1:00	VE02	Controversies and Challenges in Colorectal Surgery	CRS				136	201	
9:45 - 5:15	PG20	Endoscopic and Minimally-Invasive Surgical Approaches for Managing Benign and Malignant Esophageal Disease	CTS	ONC			59	140	
9:45 - 5:45	SC07	Thyroid and Parathyroid Ultrasound	GEN	OTO			50	208	SA
9:45 - 5:45	SC08	Intraoperative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair	EDU	GEN			50	103	SA
10:00 - 4:15		Special Program for Surgery Residents	RES/MED				35	Salon ABC	
10:00 - 5:30	PG21-1	General Surgery Review Course	GEN				60	147	SA
10:00 - 5:30	PG22	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	EDU	GEN			61	151B	PtS
10:15 - 5:45	PG23	Trauma Update 2013	TRA				62	146A	T
11:30 - 1:00	PS107	Complicated Diverticulitis: To Resect or Not?	CRS	GEN			71	Ballroom AB	(W) PtS, SA
11:30 - 1:00	PS108	Controversies in Thyroid Surgery	GEN	OTO			71	Ballroom C	(W) SA
11:30 - 1:00	PS109	Augmented Reality: Real-Time, Image-Navigated Abdominal Surgery	GEN				71	152	A
11:30 - 1:00	PS110	Congenital Anorectal Malformations: Transitioning to Adult Care	CRS	PED			72	202	
11:30 - 1:00	PS111	Contemporary Treatment of Melanoma	GEN	ONC			72	207	(W) SA
11:30 - 1:00	PS112	Medicare's Approach to Value-Based Purchasing: Aligning with the New Medicare Value-Based Payment Modifier	HP				72	145	
11:30 - 1:00	SP02	Endocrine	GEN				100	151A	
11:30 - 1:00	SP03	Liver/Biliary Tract/Pancreas I	GEN				101	150	
12:30 - 5:45		Medical Student Program, Session II	RES/MED				36	144	
1:00 - 5:15	SC09	Advanced Colonoscopy Skills Course: Polypectomy and Beyond	CRS	GEN			51	209B	SA
1:15 - 2:15	ME101	Burning Issues in Surgical Ethics: Collaborations with Industry and Potential Conflicts of Interest	ETH	GEN			67	203A	
1:15 - 2:15	ME102	Sportsman's Hernia: Is It Real?	GEN				67	148	
1:15 - 2:15	ME103	Endoscopic Retrograde Cholangiopancreatogram (ERCP): How to Incorporate into a General Surgery Practice	GEN				67	158A	
1:15 - 2:15	ME104	Retroperitoneal Adrenalectomy	GEN				67	158B	
1:15 - 2:15	ME105	Advancing the Use of Ultrasound in Acute Care Surgery	GEN				67	153	
1:15 - 2:15	ME106	Personalized Medicine for Breast Cancer	GEN	ONC			67	142	
1:15 - 2:15	ME107	Pilonidal Disease	CRS				67	141	
1:15 - 2:15	ME108	How to Get Your Research Published	GEN				67	156	
1:15 - 2:15	ME109	I Got Sued: Now What?	GEN				67	159A	
1:15 - 2:15	ME110	Anal Neoplasia	CRS				67	159B	
1:15 - 2:15	ME111	Parathyroid Disease	OTO				67	155	
1:15 - 2:15	ME112	Nonoperative Management of Solid Organ Injuries	GEN				67	203B	
1:15 - 2:15		Open Mike: Advocating for Global Surgery	HUM	INT			36	154	
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	NEU				43	202	(P)
2:30 - 4:00	PS113	Benign Breast Disease: To Operate or Not to Operate? That Is the Question	GEN				72	Ballroom C	(W) SA
2:30 - 4:00	PS114	Initiates' Program: Titrating Your Leadership Skills – A Primer for Young Surgeons	EDU	HP	RES/MED		73	152	

2:30 - 4:00	PS115	Anorectal Disease: Contemporary Management	CRS				73	Ballroom AB	(W) SA
2:30 - 4:00	PS116	Approach to Neck Masses in Adults and Children	OTO	PED			73	154	(P)
2:30 - 4:00	PS117	Chest Wall Resection and Reconstruction	CTS	PLA			74	207	
2:30 - 4:00	PS118	Diagnosis and Management of the Diabetic Foot	VAS				74	145	(P)
2:30 - 4:00	PS119	Translational Medicine: A Vital Role for Surgeons?	ONC				74	206	(P)
2:30 - 4:00	SF07	Global Surgery	HUM				113	209B	
2:30 - 4:00	SP04	Quality, Outcomes, and Costs I	EDU				101	149	
2:30 - 5:45	VE03	Cardiothoracic Surgery	CTS				136	103	
2:30 - 5:45	PS120	Latin America Day: Hepatobiliary Surgery	GEN	INT			75	201	
2:30 - 5:45	SF08	Surgical Oncology/Endocrine I	ONC				114	102	
2:30 - 5:45	SF09	Urology and Reproductive Surgery I	URO				115	143A	
2:30 - 5:45	SF10	Vascular Surgery	VAS				115	143BC	
2:30 - 5:45	VE05	General Surgery I	GEN				137	150	
4:15 - 5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	BTR				43	202	(P)
4:15 - 5:45	PS121	Bleeding Ulcer: Endoscopy Suite, Interventional Radiology, or Operating Room (OR)?	GEN				75	Ballroom AB	(W) PTS, SA
4:15 - 5:45	PS122	Advances to the Care of Surgical Patients through Contributions of the <i>Journal of the American College of Surgeons</i> and the <i>BJS</i> : Centennial Report	CEN	GEN			75	206	
4:15 - 5:45	PS123	Update in Carotid Disease Diagnosis and Treatment	VAS				75	151A	(W) SA
4:15 - 5:45	PS124	Controversies in Parathyroid Surgery	GEN	OTO			76	207	(W) SA
4:15 - 5:45	PS125	Employing Allied Health Professionals in a Surgical Practice	EDU				76	208	
4:15 - 5:45	PS126	"Milestones" and What They Mean for Resident Training	RES/MED				77	145	(P)
4:15 - 5:45	PS127	Symposium on the Legacy of Frank H. Netter, MD	CEN				77	Ballroom C	
4:15 - 5:45	SF11	Pediatric Surgery I	PED				116	149	
4:15 - 5:45	SP05	Surgical Oncology I	ONC				102	154	
5:30 - 9:00		Society of Thoracic Surgeons Resident and Medical Student Program	RES/MED				37	RWD CD - Renaissance Ballroom	
6:30 - 8:30	VE06	Clinical Workshop Through Video	GEN				138	MWP - Washington 4	
<b>TUESDAY, OCTOBER 8</b>			<b>Designated Tracks</b>				<b>Page No.</b>	<b>Location</b>	
7:00 - 7:45	TH01	Who Will Be Available to Take General Surgery Calls in 2015?	GEN				37	Ballroom C	
7:00 - 7:45	TH02	What Are the Current Issues in Board Certification and Maintenance of Certification?	HP	URO			37	202	
7:00 - 7:45	TH03	Surgeons as Health Policy Advocates	HP				38	207	
7:00 - 7:45	TH10	Introspection: The New Surgical "Time Out"	EDU	GER	HP		38	201	
8:00 - 9:00	NL05	Herand Abcarian Lecture	CRS				43	145	(P)
8:00 - 9:30	PS200	Severe Acute Pancreatitis: Evolving Management Strategies	GEN	TRA			77	Ballroom AB	(W) PTS, SA, T
8:00 - 9:30	PS201	Managing Thoracic Trauma: The Debate Continues	CTS	GEN	TRA		77	202	(W) SA, T
8:00 - 9:30	PS202	Case-Based Discussion of the Management of Pediatric Traumatic Brain Injury	NEU	PED	TRA		78	152	T
8:00 - 9:30	PS203	Diversity in Surgery: Does It Matter?	GEN				78	150	
8:00 - 9:30	PS204	Can Your New Partner Operate?: Mentoring Your New Partner	GEN				78	206	(P) PTS
8:00 - 9:30	PS205	High-Risk Breast Patients: Assessment, Genetics, and Atypical Lesions	GEN	ONC			78	207	(P)
8:00 - 9:30	PS206	Innovation and Invention in Surgery	EDU				79	Ballroom C	

8:00 - 9:30	SP06	General Surgery I	GEN				102	201	
8:00 - 9:30	VE07	Neurological Surgery	NEU				138	140	
8:00 - 11:15	PS207	Spectacular Cases	RES/MED				79	144	
8:00 - 11:15	SF12	Cardiothoracic Surgery I	CTS				117	154	
8:00 - 11:15	SF13	Critical Care I: Inflammation and Immunity	GEN	TRA			117	102	T
8:00 - 11:15	SF14	Plastic and Maxillofacial Surgery I	PLA				118	149AB	
8:00 - 11:15	SF15	Quality, Outcomes, and Costs II	EDU	HP			119	151A	
8:00 - 11:15	SF16	Surgical Oncology/Endocrine II	ONC				119	143BC	
8:00 - 11:15	SF17	Transplantation and Tissue Engineering	BTR	GEN			120	143A	
8:00 - 11:15	VE08	Otolaryngology: Head and Neck Surgery	OTO				138	151B	
8:00 - 12:15	SC11	Minimally Invasive Colorectal Surgery Skills Course	CRS	GEN			52	103	SA
8:00 - 3:30	PG21-2	General Surgery Review Course	GEN				61	147	SA
8:00 - 4:30	SC10	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	EDU	INFO			52	146B	SA, Pts
8:30 - 5:30	SC12	Practical Applications of Ultrasound in the ICU: ECHO and Thoracic	GEN				53	Salon I	SA
9:00 - 4:30	PG24	Breast Cancer: Current Treatment Paradigms	GEN	ONC			63	146A	
9:00 - 4:30	SC13	Emergency Airways	GEN	OTO			54	208	Pts, T, SA
9:45 - 10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	GEN				44	202	
9:45 - 11:15	PS208	A Wild Night on Acute Care Surgery Call: Challenging Cases, Great Lessons	TRA				79	Ballroom AB	 W Pts, SA, T
9:45 - 11:15	PS209	Don't Get Burned: A Refresher Course in Management of Thermal Injuries	GEN	TRA			79	145	 W SA, T
9:45 - 11:15	PS210	100 Years of Rural Surgery: Past Accomplishments, Future Challenges	CEN	GEN	RUS		80	207	
9:45 - 11:15	PS211	Are Computed Tomography (CT) Scans Killing Patients?	GEN				80	Ballroom C	
9:45 - 11:15	PS212	Piece of the Action or Run the Trial: Managing Conflict of Interest in Research and Innovation	ETH				80	150	E
9:45 - 11:15	PS213	Management of Polytrauma Patients with Central Nervous System (CNS) Injury	NEU	TRA			81	201	T
9:45 - 11:15	PS214	Personalized Therapy of Surgical Diseases	BTR				81	206	
9:45 - 11:15	SP07	Colon and Rectal Surgery I	CRS				102	140	
9:45 - 11:15	VE04	Subject-Oriented Symposium I: Complex Abdominal Wall Reconstruction: Plastics and General Surgeons—Can We All Agree?	GEN	PLA			139	152	
11:30 - 12:30	PP08	Posters of Exceptional Merit Presentation	GEN				148	Exhibit Hall A	
11:30 - 12:30	ME201	How to Mentor a Newly Trained Partner	EDU	GEN			67	148	
11:30 - 12:30	ME202	Who Says Yes, and Who Says No: The Role of the Surgeon in Palliative Care	ETH	GEN			67	153	E
11:30 - 12:30	ME203	New Concepts in Breast Cancer	ONC				67	156	
11:30 - 12:30	ME204	Treatment of Early Low Rectal Cancer: Chemoradiation Therapy, Transanal Resection, or Coloanal?	CRS				67	158A	
11:30 - 12:30	ME205	Barrett's Esophagus	OTO				67	159A	
11:30 - 12:30	ME206	Diverticulitis: To Operate or Not to Operate, This Is the Question	CRS	GEN			67	155	
11:30 - 12:30	ME207	Mesh for Hernia Repair: The Good, the Bad, and the Ugly	GEN				68	141	
11:30 - 12:30	ME208	The Difficult Gallbladder: Tricks of the Trade	GEN				68	142	
11:30 - 12:30	ME209	Crohn's Disease: Basic Principles to Steer You Away from Trouble	CRS				68	159B	
11:30 - 12:30	ME210	Developing a Robotic Surgery Program in Urology	GEN	URO			68	158B	
11:30 - 12:30	ME211	Management of Gastroesophageal Reflux Disease (GERD) in the Obese Patient	GEN				68	203A	
11:30 - 12:30	ME212	Necrotizing Fasciitis	GEN				68	209A	
11:30 - 12:30	ME213	Pediatric Urologic Surgery	PED	URO			68	203B	
12:30 - 4:45	PG25	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	EDU				64	140	SA
12:45 - 1:30	NL07	Scudder Oration on Trauma	TRA				44	Ballroom C	 T
12:45 - 2:15	PS215	Acute Appendicitis: Operate Now, Wait Until the Morning, or Treat with Antibiotics? Review of the Evidence	GEN	PED			81	Ballroom AB	 W Pts, SA

12:45 - 2:15	PS216	The Multimodality Management of Retroperitoneal and Extremity Sarcoma	GEN	ONC			81	202	Ⓜ SA
12:45 - 2:15	PS217	Lung Cancer and the Pulmonary Resection Patient: Screening, Preparation, Techniques, and Outcomes	CTS				81	102	Ⓜ SA
12:45 - 2:15	PS218	Advances in Periocular and Orbital Surgery: The Past 25 Years	CEN	OPHTHO			82	149	
12:45 - 2:15	PS219	From the Battlefield to the Home Front: Translating Military Experience into Civilian Practice	TRA				82	145	⚡ T
12:45 - 2:15	PS220	International Surgery Rotations: Creating Learning Opportunities	HUM	INT	RES/MED		82	150	
12:45 - 2:15	SP08	Surgical Education	EDU				103	201	
12:45 - 2:15	VE09	Obstetrics and Gynecology	OBG				140	151A	
12:45 - 2:15	VE10	Complex Conditions Managed by Laparoscopy	CRS				140	206	
12:45 - 2:15	VE11	Controversial Cases in General Surgery	GEN				140	207	
12:45 - 2:15	VE12	Subject-Oriented Symposium II: 100 Years of Surgery	CEN	GEN			141	143BC	
1:00 - 5:00	PS221	Association of Program Directors in Surgery (APDS) Panels: Improving General Surgery Residency Training	EDU	RES/MED			83	152	
1:00 - 5:45		Medical Student Program, Session III	RES/MED				39	144	
2:30 - 3:30	NL08	Olga M. Jonasson Lecture	GEN				44	150	⚡ E
2:30 - 4:00	PS222	Managing Emergencies in Crohn's Disease	CRS	GEN			83	Ballroom C	Ⓜ PtS, SA
2:30 - 4:00	PS223	Implementing Social Media Applications into Your Continuing Professional Development	GEN	HP	INFO		83	201	
2:30 - 4:00	PS224	She's Pregnant: Things the General Surgeon Should Know	GEN	OBG			84	Ballroom AB	PtS
2:30 - 4:00	PS225	Hot Topics in Thyroid Cancer	GEN	ONC	OTO		84	207	Ⓜ PtS, SA
2:30 - 4:00	PS226	Ingested, Inserted, and Impaled Foreign Bodies: Strategies for Successful Management	CRS	CTS	TRA		84	202	⚡ PtS, T
2:30 - 4:00	PS227	Long-Term Outcomes of Combat Wound Care	ORT	PLA	TRA		84	145	⚡ T
2:30 - 4:00	SP09	Quality, Outcomes, and Costs II	EDU				103	208	
2:30 - 4:00	SP10	Trauma Surgery	TRA				104	206	T
2:30 - 4:00	VE13	Endocrine Surgery	GEN				141	103	
2:30 - 4:00	VE14	Urology	URO				141	151B	
2:30 - 4:00	SF18	Orthopaedic Surgery	ORT				121	143A	
2:30 - 5:45	PS228	Ethics Colloquium: End-of-Life Issues for Surgical Patients	ETH				85	154	Ⓜ E, SA
2:30 - 5:45	SF19	Alimentary Tract II	GEN				122	143BC	
2:30 - 5:45	SF20	Biomarkers and Genetic Determinants of Disease and Outcomes	BTR	ONC			122	149AB	
2:30 - 5:45	SF21	Pediatric Surgery II	PED				123	102	
2:30 - 5:45	VE15	General Surgery II	GEN				142	144	
4:15 - 5:45	PS229	Intestinal Stomas: Prevention and Management of Complications	CRS				85	Ballroom AB	Ⓜ PtS, SA
4:15 - 5:45	PS230	Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?	GEN	HP			85	202	
4:15 - 5:45	PS231	Perioperative Care in the Surgical Intensive Care Unit (ICU): Challenging Scenarios for the Surgeon and Intensivist	GEN	TRA			86	Ballroom C	PtS, T
4:15 - 5:45	PS232	Improving Outcomes through ACS NSQIP®	BTR				86	206	Ⓜ PtS, SA
4:15 - 5:45	PS233	Incorporating Palliative Care in Cancer Management	CRS	GER	ONC		86	201	PtS
4:15 - 5:45	PS234	The Patient's Wound Is Not Healing: Now What?	PLA	VAS			86	207	
4:15 - 5:45	PS235	Surgical Heroes of the Next 100 Years: Will They Be Different?	CEN	RES/MED			87	150	
4:15 - 5:45	SF22	Urology and Reproductive Surgery II (Robotics)	URO				124	151A	
4:15 - 5:45	SP11	Transplantation; Orthopaedic Surgery	GEN	ORT			104	103	
4:15 - 5:45	SP12	Urology; Obstetrics and Gynecology	OBG	URO			105	143A	



4:15 - 5:15		Rural Surgeons Open Forum	RUS				39	147	
6:30 - 8:30	VE16	Best Videos from the Past	GEN				142	MWP - Washington 4	
WEDNESDAY, OCTOBER 9			Designated Tracks			Page No.	Location		
7:00 - 7:45	TH04	Robotic Surgery: Does It Fit in Your General Surgery Practice?	GEN	INFO			40	Ballroom C	
7:00 - 7:45	TH05	Rural Surgery: What Are the Challenges?	HP	RUS			40	202	
7:00 - 7:45	TH06	Medical Liability Reform 2013: Thinking Outside of the Box to Achieve Tort Reform	HP	OTO			40	207	
7:00 - 7:45	TH11	Transition to Independent Practice: New ACS Program for General Surgeons	EDU	RES/MED			40	206	
8:00 - 9:00	NL09	Distinguished Lecture of the International Society of Surgery	INT				44	150	
8:00 - 9:30	PS300	Barrett's Esophagus: Management Options	CTS	GEN			87	Ballroom C	SA
8:00 - 9:30	PS301	Colorectal Emergencies for Noncolorectal Surgeons	CRS	GEN			87	Ballroom AB	PtS, SA
8:00 - 9:30	PS302	Intestinal Failure: Evolution of Therapy in the Era of Intestinal Transplantation	BTR	GEN	PED		88	207	
8:00 - 9:30	PS303	Civilian and Military Injuries to Kidney, Ureter, and Bladder	TRA	URO			88	152	PtS, T
8:00 - 9:30	PS304	Redirection and Reentry: Flexibility for a Surgical Career	EDU				88	206	PtS
8:00 - 9:30	PS331	Lessons Learned from the Boston Marathon Bombing	GEN	TRA			88	144	T
8:00 - 9:30	SP13	Vascular Surgery	VAS				105	154	
8:00 - 9:30	SP14	Surgical Oncology II	ONC				106	149	
8:00 - 11:15	PS305	Surgical Jeopardy	RES/MED				89	145	
8:00 - 11:15	SF23	Alimentary Tract III	GEN				124	143BC	
8:00 - 11:15	SF24	Critical Care II: The Clinical Biology of Trauma	GEN	TRA			125	151A	T
8:00 - 11:15	SF25	Progenitor Cells and Cell-Based Therapies	BTR				126	143A	
8:00 - 11:15	SF26	Surgical Education I	EDU	RES/MED			127	102	
8:00 - 11:15	VE17	General Surgery III	GEN				143	202	
8:00 - 11:15	VE18	Pediatric Surgery	PED				143	201	
8:00 - 4:00	PG26	Update in Surgical Critical Care	TRA				64	147	SA, T
8:15 - 5:45	SC14	Advanced Skills Training for the Rural Surgeon: Laparoscopic Common Bile Duct Exploration and Anesthesia in the Rural Practice	GEN	RUS			54	SITEL	PtS, SA
8:30 - 4:00	PG27	Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams	EDU				65	146A	PtS, SA
8:30 - 5:00	SC15	Basic Breast Ultrasound	GEN				55	208	SA
9:00 - 4:30	PG28	Review of the Essentials of Vascular Surgery	VAS				66	151B	SA
9:45 - 10:45	NL10	Ethics and Philosophy Lecture	ETH				44	150	E
9:45 - 11:15	PS306	Anastomotic Leak: Prevention and Management	CRS				89	Ballroom AB	PtS, SA
9:45 - 11:15	PS307	Developing, Implementing, and Evaluating Trauma Care Systems: Experiences from Low- and Middle-Income Countries	INT	TRA			90	144	PtS, T
9:45 - 11:15	PS308	Metabolic Surgery: The Science, the Patient, and the Future	GEN				90	207	
9:45 - 11:15	PS309	The Modern Family: Surgery 2013	EDU	HP	RES/MED		91	152	
9:45 - 11:15	PS310	Mass-Casualty Shootings: Saving the Patients	GEN	TRA			91	Ballroom C	T
9:45 - 11:15	PS311	Regenerative Medicine in Practice Now: Cell Therapies and Artificial Organs	BTR				91	206	
9:45 - 11:15	PS328	A Century of Canadian Contributions to the American College of Surgeons and Surgical Science	CEN	EDU			91	103	
9:45 - 11:15	SP15	Surgical Humanitarian Outreach; Quality, Outcomes, and Costs III	EDU	HUM			106	149	
9:45 - 11:15	VE19	Subject-Oriented Symposium III: Managing Abdominal Disasters	GEN	TRA			144	154	T
11:30 - 12:30	ME301	Hemorrhoids	CRS				68	153	
11:30 - 12:30	ME302	Recurrent Esophageal Symptoms after Nissen Fundoplication	OTO				68	148	
11:30 - 12:30	ME303	Radiological Workup and the Breast	GEN	ONC			68	159A	

11:30 - 12:30	ME304	Laparoscopic Colectomy: Tips and Tricks	CRS				68	141	
11:30 - 12:30	ME305	Critical Issues in Laparoscopic Ventral Hernia Repair	GEN				68	203A	
11:30 - 12:30	ME306	Rectal Cancer – Advanced	CRS				68	158A	
11:30 - 12:30	ME307	Preparing for American Board of Surgery (ABS) Recertification: Don't Sweat It...or Maybe...	EDU	GEN			68	158B	
11:30 - 12:30	ME308	Management of the Axilla in Breast Cancer in 2013	ONC				68	156	
11:30 - 12:30	ME309	How to Create Your Own Bundled Payment for Surgical Reimbursement	GEN	HP			68	159B	
11:30 - 12:30	ME310	Thyroid Surgery: Tips for Staying Out of Trouble	OTO				68	142	
11:30 - 12:30	ME311	The Role of Surgeons in Reducing Never Events	GEN				68	155	
11:30 - 12:30	ME312	Clostridium Difficile Colitis: Is It Getting Out of Hand?	CRS	GEN			68	203B	
12:45 - 1:45	NL11	Commission on Cancer Oncology Lecture	ONC				44	150	
12:45 - 2:15	PS312	Bariatric Surgical Complications: I Don't Do Bariatric Surgery—But You Are the Only Surgeon On Call!	GEN				92	Ballroom AB	(W) PtS, SA
12:45 - 2:15	PS313	Complications of Esophageal Procedures: Neck, Chest, and Abdomen	CTS	GEN	OTO		92	Ballroom C	(W) PtS, SA
12:45 - 2:15	PS314	Innovative Technologies for the Treatment of Incontinence and Prolapse	GEN				92	202	(P) PtS
12:45 - 2:15	PS315	Controversies in Men's Health: Prostate-Specific Antigen (PSA) and Testosterone	URO				93	144	(P)
12:45 - 2:15	PS316	Nonsurgical Education: Is It Worth Going Back to School?	EDU	RES/MED			93	152	
12:45 - 2:15	PS317	Challenges in Management of Patients with Aneurysms	VAS				93	201	(W) SA
12:45 - 2:15	SP16	Plastic/Maxillofacial Surgery	PLA				106	143BC	
12:45 - 2:15	VE20	Movie Classics from the Past	GEN				144	151A	
12:45 - 2:15	VE21	Trauma	GEN	TRA			145	207	T
12:45 - 4:00	PS318	The College's International Scholars and Travelers 2013	HUM	INT			93	149	
12:45 - 4:00	VE22	Subject-Oriented Symposium IV: ACS Video Atlas Showcase	GEN				145	103	
2:30 - 4:00	PS319	Quality Colorectal Cancer Care: What You Should Know	CRS	ONC			94	Ballroom AB	(W) PtS, SA
2:30 - 4:00	PS320	Looking Back and Moving Forward: 100 Years of Surgical Research	CEN	GEN			94	Ballroom C	
2:30 - 4:00	PS321	Gunshot Wounds to the Face: Contemporary Management	OTO	PLA	TRA		95	206	T
2:30 - 4:00	PS322	State of the Art in Head and Neck Trauma, Adult and Pediatric	OTO	PED	TRA		95	207	T
2:30 - 4:00	PS323	Neoadjuvant Therapy: Finding the New Normal in Cancer Treatment	ONC				95	152	(W) SA
2:30 - 4:00	PS324	Contemporary Approaches to Dialysis Access	VAS				95	144	(P)
2:30 - 4:00	PS329	Surgical Insights from France	CRS	GEN	INT		96	154	
2:30 - 4:00	SP17	Pediatric Surgery; Perioperative, Critical Care Surgery	GEN	PED			107	201	
2:30 - 4:00	SP18	Cardiothoracic Surgery I: Colon and Rectal Surgery II	CRS	CTS			107	208	
2:30 - 4:00	VE23	Vascular Surgery	VAS				145	150	
2:30 - 5:45	VE24	Hepatobiliary Surgery	GEN				146	202	
2:30 - 5:45	SF27	Cardiothoracic Surgery II	CTS				128	151A	
2:30 - 5:45	SF28	Plastic and Maxillofacial Surgery II	PLA				128	102	
2:30 - 5:45	SF29	Quality, Outcomes, and Costs III	EDU	HP			129	143BC	
2:30 - 5:45	SF30	Vascular Surgery II	VAS				130	143A	
4:15 - 5:45	PS325	Help! I Can't Close the Abdomen: Now What?	GEN				96	Ballroom AB	(W) PtS, SA
4:15 - 5:45	PS326	Risk and Opportunity for Employed Physicians in an Integrated Health System	GEN				96	Ballroom C	
4:15 - 5:45	PS327	Advancing the Surgeon's Role in Cancer Prevention and Clinical Trials	ONC				96	206	
4:15 - 5:45	PS330	Negotiating for Success	EDU	HP			97	152	
4:15 - 5:45	SP19	Liver/Biliary Tract/Pancreas II	GEN				108	150	
4:15 - 5:45	SF31	Geriatric Surgery	GER				131	154	
4:15 - 5:45	SF32	Patient Safety	EDU				131	144	

THURSDAY, OCTOBER 10			Designated Tracks				Page No.	Location	
7:00 - 7:45	TH07	The ACS Clinical Research Program ACS-CRP Defining Cancer Surgical Guidelines and Reporting	HP	ONC			41	207	
7:00 - 7:45	TH08	Choosing a Surgical Discipline	EDU	RES/MED			42	Ballroom C	
7:00 - 7:45	TH09	Ethics in Advertising: What Is the Surgeon's Responsibility?	ETH				42	202	
7:00 - 7:45	TH12	The ACS Practice Guidelines Project	GEN				42	201	
7:00 - 7:45	TH13	The Surgeon-Specific Registry and Maintenance of Certification: What Does It Mean for the Practicing Surgeon?	EDU	HP			42	206	
8:00 - 9:30	PS400	10 Hot Topics in General Surgery	GEN				97	Ballroom C	(W) PtS, SA
8:00 - 9:30	PS401	The Geriatric Surgery Patient: Issues in Perioperative and End-of-Life Care	ETH	GER			97	202	E
8:00 - 9:30	PS402	Simulation Training in the Intensive Care Unit (ICU)	TRA				98	207	(W) SA, T
8:00 - 9:30	PS403	Outpatient Venous Procedures	VAS				98	145	
8:00 - 9:30	PS404	How to Bring Biologic Therapies and Devices to Clinical Use	INFO				98	206	
8:00 - 9:30	SP20	General Surgery II	GEN				108	147	
8:00 - 11:15	SF33	Critical Care III: Mechanisms of Organ Dysfunction	GEN	TRA			132	102	T
8:00 - 11:15	SF34	Innovative Clinical Technology	INFO				133	143BC	
8:00 - 11:15	SF35	Plastic and Maxillofacial Surgery III	PLA				133	144	
8:00 - 11:15	SF36	Surgical Education II	EDU	RES/MED			134	151A	
8:00 - 11:15	VE25	Bariatric Surgery	GEN				147	201	
9:45 - 11:15	PS405	What's New in Advocacy and Health Policy: Top 10 Advances in the Past Year	HP				98	202	(W) SA
9:45 - 11:15	PS406	Trauma Care Around the World: Differences, Similarities, and Controversies	INT	TRA			99	Ballroom C	T
9:45 - 11:15	PS407	Current Options in Management of Hepatoma	GEN				99	207	
9:45 - 11:15	PS408	It Pays for Your Parents to Quit Smoking Before Surgery: Outcomes, Interventions, and Reimbursement	EDU				99	145	(W)

# 2013 Track Schedule

The Scientific Program, scheduled in discipline- and theme-based tracks, will focus specifically on the needs of various surgical specialties and learner groups.

A full listing of the 2013 track schedule is provided via the Clinical Congress App.

SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
General Surgery (GEN)					
		Basic/Translational Research (BTR)			
		Cardiothoracic Surgery (CTS)			
		Centennial (CEN)			
	Colon and Rectal Surgery (CRS)				
	Education/Outcomes and Safety (EDU)				
			Ethics (ETH)		
			Geriatric/Palliative Care (GER)		
Health Policy : Practice Management / Reimbursement / Liability Issues (HP)					
			Informatics (INFO)		
		International (INT)			
		Neurosurgery (NEU)			
		Obstetrics & Gynecology (OBG)			
			Ophthalmic Surgery (OPHTHO)		
			Orthopaedic Surgery (ORT)		
		Otolaryngology–Head & Neck Surgery (OTO)			
	Pediatric Surgery (PED)				
		Plastic and Maxillofacial Surgery (PLA)			
	Residents / Medical Students (RES / MED)				
			Rural Surgery (RUS)		
(HUM)		Surgical Humanitarian Outreach (HUM)			
		Surgical Oncology (ONC)			
Trauma / Critical Care (TRA)					
		Urology (URO)			
		Vascular Surgery (VAS)			

# Sessions-at-a-Glance by Track

## Key to Session/Course Codes

ME Meet-the-Expert Luncheon  
 NL Named Lecture  
 PG Postgraduate Course  
 PP Poster Presentations  
 PS Panel Session  
 SC Skills Course  
 SF Surgical Forum  
 SP Scientific Paper  
 TH Town Hall Meeting  
 VE Video-Based Session

## Location Abbreviations

All sessions are held at the Walter E. Washington Convention Center unless otherwise noted.  
 NCAMSC – National Capital Area Medical Simulation Center  
 SiTEL – SiTEL Simulation Center  
 MWP – Marriott Wardman Park  
 RWDCD – Renaissance Washington DC Downtown

\$ Indicates that additional fees and registration apply

Ⓢ Indicates a Webcast session (Webcast package available for purchase)

SA Self-Assessment Credit available      PtS Patient Safety Credit available

🔊 Audio      T Trauma      E Ethics

SESSIONS-AT-A-GLANCE BY TRACK

GENERAL SURGERY (GEN)					
<b>Saturday, October 5</b>					
8:30 - 4:00	PG16-1	Endocrine Surgery Review Course	55	146A	SA
<b>Sunday, October 6</b>					
8:00 - 3:30	PG18	Management of Benign Anorectal Disease	58	147	
8:00 - 5:30	SC04	Flexible Endoscopy for General Surgeon	48	103	SA
8:30 - 4:00	PG16-2	Endocrine Surgery Review Course	55	146A	SA
<b>Monday, October 7</b>					
9:45 - 11:15	PS100	Acute Cholecystitis: What to Do When the Patient Is Too Sick?	69	Ballroom AB	Ⓢ PtS, SA
9:45 - 11:15	PS101	Abdominal Wall Reconstruction in an Infected Field	69	Ballroom C	🔊
9:45 - 11:15	PS102	Controversies in the Surgical Treatment of Pancreatic Cancer	69	202	Ⓢ SA
9:45 - 11:15	PS103	"What Do You Mean, I Might Need an Operation? I Feel Fine...": Endocrine Incidentalomas—Work-Up and Management	70	145	Ⓢ SA
9:45 - 11:15	PS104	The Toughest Trauma Case I Ever Had	70	207	🔊 PtS, T
9:45 - 11:15	SF01	Apoptosis/Cellular Injury	109	149	
9:45 - 11:15	SP01	Bariatric Surgery	100	151A	
9:45 - 1:00	PS106	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2013 Volunteerism and Humanitarian Award Winners	71	154	
9:45 - 1:00	SF04	Alimentary Tract I	111	102	
9:45 - 1:00	VE01	Challenging and Unusual Problems in Surgery	135	206	
9:45 - 5:45	SC07	Thyroid and Parathyroid Ultrasound	50	208	SA
9:45 - 5:45	SC08	Intraoperative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair	50	103	SA

10:00 - 5:30	PG21-1	General Surgery Review Course	60	147	SA
10:00 - 5:30	PG22	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	61	151B	PtS
11:30 - 1:00	PS107	Complicated Diverticulitis: To Reset or Not?	71	Ballroom AB	Ⓢ PtS, SA
11:30 - 1:00	PS108	Controversies in Thyroid Surgery	71	Ballroom C	Ⓢ SA
11:30 - 1:00	PS109	Augmented Reality: Real-Time, Image-Navigated Abdominal Surgery	71	152	🔊
11:30 - 1:00	PS111	Contemporary Treatment of Melanoma	72	207	Ⓢ SA
11:30 - 1:00	SP02	Endocrine	100	151A	
11:30 - 1:00	SP03	Liver/Biliary Tract/Pancreas I	101	150	
1:15 - 2:15	ME101	Burning Issues in Surgical Ethics: Collaborations with Industry and Potential Conflicts of Interest	67	203A	
1:15 - 2:15	ME102	Sportsman's Hernia: Is It Real?	67	148	
1:15 - 2:15	ME103	ERCP: How to Incorporate into a General Surgery Practice	67	158A	
1:15 - 2:15	ME104	Retroperitoneal Adrenalectomy	67	158B	
1:15 - 2:15	ME105	Advancing the Use of Ultrasound in Acute Care Surgery	67	153	
1:15 - 2:15	ME106	Personalized Medicine for Breast Cancer	67	142	
1:15 - 2:15	ME108	How to Get Your Research Published	67	156	
1:15 - 2:15	ME109	I Got Sued: Now What?	67	159A	
1:15 - 2:15	ME112	Nonoperative Management of Solid Organ Injuries	67	203B	
2:30 - 4:00	PS113	Benign Breast Disease: To Operate or Not to Operate? That Is the Question	72	Ballroom C	Ⓢ SA
2:30 - 5:45	PS120	Latin America Day: Hepatobiliary Surgery	75	201	
2:30 - 5:45	VE05	General Surgery I	137	150	

\* For a description of this session, please see the page number noted.

4:15 - 5:45	PS121	Bleeding Ulcer: Endoscopy Suite, Interventional Radiology, or Operating Room?	75	Ballroom AB	(W) PtS, SA
4:15 - 5:45	PS122	Advances to the Care of Surgical Patients through Contributions of the <i>Journal of the American College of Surgeons</i> and the <i>BJS: Centennial Report</i>	75	206	
4:15 - 5:45	PS124	Controversies in Parathyroid Surgery	76	207	(W) SA
6:30 - 8:30	VE06	Clinical Workshop Through Video	138	MWP-Washington 4	
<b>Tuesday, October 8</b>					
7:00 - 7:45	TH01	Who Will Be Available to Take General Surgery Calls in 2015?	37	Ballroom C	
8:00 - 9:30	PS200	Severe Acute Pancreatitis: Evolving Management Strategies	77	Ballroom AB	(W) PtS, SA, T
8:00 - 9:30	PS201	Managing Thoracic Trauma: The Debate Continues	77	202	(W) SA, T
8:00 - 9:30	PS203	Diversity in Surgery: Does It Matter?	78	150	
8:00 - 9:30	PS204	Can Your New Partner Operate?: Mentoring Your New Partner	78	206	(P) PtS
8:00 - 9:30	PS205	High-Risk Breast Patients: Assessment, Genetics, and Atypical Lesions	78	207	(P)
8:00 - 9:30	SP06	General Surgery I	102	201	T
8:00 - 11:15	SF13	Critical Care I: Inflammation and Immunity	117	102	
8:00 - 11:15	SF17	Transplantation and Tissue Engineering	120	143A	
8:00 - 3:30	PG21-2	General Surgery Review Course	61	147	SA
8:00 - 5:30	SC12	Practical Applications of Ultrasonography in the ICU: ECHO and Thoracic	53	Salon I	SA
9:00 - 4:30	PG24	Breast Cancer: Current Treatment Paradigms	63	146A	
9:00 - 4:30	SC13	Emergency Airways	54	208	PtS, SA, T
9:45 - 10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	44	202	(P)
9:45 - 11:15	PS209	Don't Get Burned: A Refresher Course in Management of Thermal Injuries	79	145	(W) SA, T
9:45 - 11:15	PS210	100 Years of Rural Surgery: Past Accomplishments, Future Challenges	80	207	(P)
9:45 - 11:15	PS211	Are Computed Tomography Scans Killing Patients?	80	Ballroom C	(P)
9:45 - 11:15	VE04	Subject-Oriented Symposium I: Complex Abdominal Wall Reconstruction: Plastics and General Surgeons, Can We All Agree?	139	152	
11:30 - 12:30	ME201	How to Mentor a Newly Trained Partner	67	148	
11:30 - 12:30	ME202	Who Says Yes and Who Says No: The Role of the Surgeon in Palliative Care	67	153	E
11:30 - 12:30	ME206	Diverticulitis: To Operate or Not To Operate, This Is the Question	67	155	

11:30 - 12:30	ME207	Mesh for Hernia Repair: The Good, the Bad, and the Ugly	68	141	
11:30 - 12:30	ME208	The Difficult Gallbladder: Tricks of the Trade	68	142	
11:30 - 12:30	ME210	Developing a Robotic Surgery Program in Urology	68	158B	
11:30 - 12:30	ME211	Management of GERD in the Obese Patient	68	203A	
11:30 - 12:30	ME212	Necrotizing Fasciitis	68	209A	
12:45 - 2:15	PS215	Acute Appendicitis: Operate Now, Wait Until the Morning, or Treat with Antibiotics? Review of the Evidence	81	Ballroom AB	(W) PtS, SA
12:45 - 2:15	PS216	The Multimodality Management of Retroperitoneal and Extremity Sarcoma	81	202	(W) SA
12:45 - 2:15	VE11	Controversial Cases in General Surgery	140	207	
12:45 - 2:15	VE12	Subject-Oriented Symposium II: 100 Years of Surgery	141	143BC	
2:30 - 4:00	VE13	Endocrine Surgery	141	103	
2:30 - 3:30	NL08	Olga M. Jonasson Lecture	44	150	(P) E
2:30 - 4:30	PS222	Managing Emergencies in Crohn's Disease	83	Ballroom C	(W) PtS, SA
2:30 - 4:00	PS223	Implementing Social Media Applications into Your Continuing Professional Development	83	201	
2:30 - 4:00	PS224	She's Pregnant: Things the General Surgeon Should Know	84	Ballroom AB	PtS
2:30 - 4:00	PS225	Hot Topics in Thyroid Cancer	84	207	(W) PtS, SA
2:30 - 5:45	SF19	Alimentary Tract II	122	143BC	
2:30 - 5:45	VE15	General Surgery II	142	144	
4:15 - 5:45	PS230	Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?	85	202	
4:15 - 5:45	PS231	Perioperative Care in the Surgical Intensive Care Unit (ICU): Challenging Scenarios for the Surgeon and Intensivist	86	Ballroom C	PtS, T
4:15 - 5:45	SP11	Transplantation; Orthopaedic Surgery	104	103	
6:30 - 8:30	VE16	Best Videos from the Past	142	MWP - Washington 4	
<b>Wednesday, October 9</b>					
7:00 - 7:45	TH04	Robotic Surgery for General Surgeons	40	Ballroom C	
8:00 - 9:30	PS300	Barrett's Esophagus: Management Options	87	Ballroom C	(W) SA
8:00 - 9:30	PS301	Colorectal Emergencies for Noncolorectal Surgeons	87	Ballroom AB	(W) PtS, SA
8:00 - 9:30	PS302	Intestinal Failure: New Therapeutic Strategies and Intestinal Transplantation	88	207	(P)
8:00 - 9:30	PS331	Lessons Learned from the Boston Marathon Bombing	88	144	T

8:00 - 11:15	SF23	Alimentary Tract III	124	143BC	
8:00 - 11:15	SF24	Critical Care II	125	151A	T
8:00 - 11:15	VE17	General Surgery III	143	202	
8:15 - 5:45	SC14	Advanced Skills Training for the Rural Surgeon: Laparoscopic Common Bile Duct Exploration and Anesthesia in Rural Practice	54	SITEL	PtS, SA
8:30 - 5:00	SC15	Basic Breast Ultrasound	55	208	SA
9:45 - 11:15	PS308	Metabolic Surgery: The Science, the Patient, and the Future	90	207	📍
9:45 - 11:15	PS310	Mass-Casualty Shootings: Saving the Patients	91	Ballroom C	T
9:45 - 11:15	VE19	Subject-Oriented Symposium III: Managing Abdominal Disasters	144	154	T
11:30 - 12:30	ME303	Radiological Workup and the Breast	68	159A	
11:30 - 12:30	ME305	Critical Issues in Laparoscopic Ventral Hernia Repair	68	203A	
11:30 - 12:30	ME307	Preparing for ABS Recertification: Don't Sweat It... Or Maybe...	68	158B	
11:30 - 12:30	ME309	How to Create Your Own Bundled Payment for Surgical Reimbursement	68	159B	
11:30 - 12:30	ME311	The Role of Surgeons in Reducing Never Events	68	155	
11:30 - 12:30	ME312	Clostridium Difficile Colitis: Is It Getting Out of Hand?	68	203B	
12:45 - 2:15	PS312	Bariatric Surgical Complications: I Don't Do Bariatric Surgery—But You Are the Only Surgeon On Call!	92	Ballroom AB	W PtS, SA
12:45 - 2:15	PS313	Complications of Esophageal Procedures: Neck, Chest, and Abdomen	92	Ballroom C	W PtS, SA
12:45 - 2:15	PS314	Innovative Technologies for the Treatment of Incontinence and Prolapse	92	202	📍 PtS
12:45 - 2:15	VE20	Movie Classics from the Past	144	151A	
12:45 - 2:15	VE21	Trauma	145	207	T
12:45 - 4:00	VE22	Subject-Oriented Symposium IV: ACS Video Atlas Showcase	145	103	
2:30 - 4:00	PS320	Looking Back and Moving Forward: 100 Years of Surgical Research	94	Ballroom C	
2:30 - 4:00	PS329	Surgical Insights from France	96	154	📍
2:30 - 4:00	SP17	Pediatric Surgery; Perioperative, Critical Care Surgery	107	201	
2:30 - 5:45	VE24	Hepatobiliary Surgery	146	202	
4:15 - 5:45	PS325	Help! I Can't Close the Abdomen: Now What?	96	Ballroom AB	W PtS, SA
4:15 - 5:45	PS326	Risk and Opportunity for Employed Physicians in an Integrated Health System	96	Ballroom C	
4:15 - 5:45	SP19	Liver/Biliary Tract/Pancreas II	108	150	
<b>Thursday, October 10</b>					
7:00 - 7:45	TH12	The ACS Practice Guidelines Project	42	201	
8:00 - 9:30	PS400	10 Hot Topics in General Surgery	97	Ballroom C	W PtS, SA

8:00 - 9:30	SP20	General Surgery II	108	147	
8:00 - 11:15	SF33	Critical Care III	132	102	T
8:00 - 11:15	VE25	Bariatric Surgery	147	201	
9:45 - 11:15	PS407	Current Options in Management of Hepatoma	99	207	
<b>BASIC / TRANSLATIONAL RESEARCH (BTR)</b>					
<b>Monday, October 7</b>					
9:45 - 1:00	SF06	Targeted Therapies	112	143A	
4:15 - 5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	43	202	📍
<b>Tuesday, October 8</b>					
8:00 - 11:15	SF17	Transplantation and Tissue Engineering	120	143A	
9:45 - 11:15	PS214	Personalized Therapy of Surgical Diseases	81	206	📍
2:30 - 5:45	SF20	Biomarkers and Genetic Determinants of Disease and Outcomes	122	149AB	
4:15 - 5:45	PS232	Improving Outcomes through ACS NSQIP®	86	206	W PtS, SA
<b>Wednesday, October 9</b>					
8:00 - 9:30	PS302	Intestinal Failure: Evolution of Therapy in the Era of Intestinal Transplantation	88	207	📍
8:00 - 11:15	SF25	Progenitor Cells and Cell-Based Therapies	126	143A	
9:45 - 11:15	PS311	Regenerative Medicine in Practice Now: Cell Therapies and Artificial Organs	91	206	📍
<b>CARDIOTHORACIC SURGERY (CTS)</b>					
<b>Monday, October 7</b>					
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	43	150	📍
9:45 - 5:15	PG20	Endoscopic and Minimally-Invasive Surgical Approaches for Managing Benign and Malignant Esophageal Disease	59	140	
2:30 - 4:00	PS117	Chest Wall Resection and Reconstruction	74	207	
2:30 - 5:45	VE03	Cardiothoracic Surgery	136	103	
<b>Tuesday, October 8</b>					
8:00 - 9:30	PS201	Managing Thoracic Trauma: The Debate Continues	77	202	W SA, T
8:00 - 11:15	SF12	Cardiothoracic Surgery I	117	154	
12:45 - 2:15	PS217	Lung Cancer and the Pulmonary Resection Patient: Screening, Preparation, Techniques, and Outcomes	81	102	W SA
2:30 - 4:00	PS226	Ingested, Inserted, and Impaled Foreign Bodies: Strategies for Successful Management	84	202	📍 PtS, T
<b>Wednesday, October 9</b>					
8:00 - 9:30	PS300	Barrett's Esophagus: Management Options	87	Ballroom C	W SA
12:45 - 2:15	PS313	Complications of Esophageal Procedures: Neck, Chest, and Abdomen	92	Ballroom C	W PtS, SA



2:30 - 4:00	SP18	Cardiothoracic Surgery I; Colon and Rectal Surgery II	107	208	
2:30 - 5:45	SF27	Cardiothoracic Surgery II	128	151A	
<b>Thursday, October 10</b>					
8:00 - 11:15	SF33	Critical Care III	132	102	T
<b>CENTENNIAL (CEN)</b>					
<b>Monday, October 7</b>					
4:15 - 5:45	PS122	Advances to the Care of Surgical Patients though Contributions of the <i>Journal of the American College of Surgeons</i> and the <i>BJS: Centennial Report</i>	75	206	
4:15 - 5:45	PS127	Symposium on the Legacy of Frank H. Netter, MD	77	Ballroom C	
<b>Tuesday, October 8</b>					
9:45 - 11:15	PS210	100 Years of Rural Surgery: Past Accomplishments, Future Challenges	80	207	
12:45 - 2:15	PS218	Advanced in Periocular and Orbital Surgery: The Past 25 Years	82	149	
12:45 - 2:15	VE12	Subject-Oriented Symposium II: 100 Years of Surgery	141	143BC	
4:15 - 5:45	PS235	Surgical Heroes of the Next 100 Years: Will They Be Different?	87	150	
<b>Wednesday, October 9</b>					
9:45 - 11:15	PS328	A Century of Canadian Contributions to the American College of Surgeons and Surgical Science	91	103	
2:30 - 4:00	PS320	Looking Back and Moving Forward: 100 Years of Surgical Research	94	Ballroom C	
<b>COLON AND RECTAL SURGERY (CRS)</b>					
<b>Sunday, October 6</b>					
8:00 - 3:30	PG18	Management of Benign Anorectal Disease	58	147	
<b>Monday, October 7</b>					
9:45 - 11:15	PS105	Management of Hereditary Colon Cancer Syndromes	70	152	SA
9:45 - 1:00	VE02	Colon and Rectal Surgery	136	201	
11:30 - 1:00	PS107	Complicated Diverticulitis: To Resect or Not?	71	Ballroom AB	PtS, SA
11:30 - 1:00	PS110	Congenital Anorectal Malformations: Transitioning to Adult Care	72	202	
1:00 - 5:15	SC09	Advanced Colonoscopy Skills Course: Polypectomy and Beyond	51	209B	SA
1:15 - 2:15	ME107	Pilonidal Disease	67	141	
1:15 - 2:15	ME110	Anal Neoplasia	67	159B	
2:30 - 4:00	PS115	Anorectal Disease: Contemporary Management	73	Ballroom AB	SA
<b>Tuesday, October 8</b>					
8:00 - 9:00	NL05	Herand Abcarian Lecture	43	145	
8:00 - 12:15	SC11	Minimally Invasive Colorectal Surgery Skills Course	52	103	SA
9:45 - 11:15	SP07	Colon and Rectal Surgery I	102	140	

11:30 - 12:30	ME204	Treatment of Early Low Rectal Cancer: Chemoradiation Therapy, Transanal Resection, or Coloanal?	67	158A	
11:30 - 12:30	ME206	Diverticulitis: To Operate or Not To Operate? This Is the Question	67	155	
11:30 - 12:30	ME209	Crohn's Disease: Basic Principles to Steer You Away from Trouble	68	159B	
12:45 - 2:15	VE10	Complex Conditions Managed by Laparoscopy	140	206	
2:30 - 4:00	PS222	Managing Emergencies in Crohn's Disease	83	Ballroom C	PtS, SA
2:30 - 4:00	PS226	Ingested, Inserted, and Impaled Foreign Bodies: Strategies for Successful Management	84	202	PtS, T
4:15 - 5:45	PS229	Intestinal Stomas: Prevention and Management of Complications	85	Ballroom AB	PtS, SA
4:15 - 5:45	PS233	Incorporating Palliative Care in Cancer Management	86	201	PtS
<b>Wednesday, October 9</b>					
8:00 - 9:30	PS301	Colorectal Emergencies for Noncolorectal Surgeons	87	Ballroom AB	PtS, SA
9:45 - 11:15	PS306	Anastomotic Leak: Prevention and Management	89	Ballroom AB	PtS, SA
11:30 - 12:30	ME301	Hemorrhoids	40	153	
11:30 - 12:30	ME304	Laparoscopic Colectomy: Tips and Tricks	68	141	
11:30 - 12:30	ME306	Rectal Cancer – Advanced	68	158A	
11:30 - 12:30	ME312	Clostridium Difficile Colitis: Is It Getting Out of Hand?	68	203B	
2:30 - 4:00	PS319	Quality Colorectal Cancer Care: What You Should Know	94	Ballroom AB	PtS, SA
2:30 - 4:00	PS329	Surgical Insights from France	96	154	
<b>EDUCATION / OUTCOMES AND SAFETY (EDU)</b>					
<b>Sunday, October 6</b>					
9:30 - 5:00	SC05	Surgical Education: Principles and Practice	48	140	
<b>Monday, October 7</b>					
9:45 - 1:00	SF05	Quality, Outcomes, and Costs I	111	143BC	
9:45 - 5:45	SC08	Intra-Operative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair	50	103	SA
10:00 - 5:30	PG22	Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications	61	151B	PtS
2:30 - 4:00	PS114	Initiates' Program: Titrating Your Leadership Skills—A Primer for Young Surgeons	73	152	
2:30 - 4:00	SP04	Quality, Outcomes, and Costs I	101	149	
4:15 - 5:45	PS125	Employing Allied Health Professionals in a Surgical Practice	76	208	

Tuesday, October 8					
7:00 - 7:45	TH10	Introspection: The New Surgical "Time Out"	38	201	
8:00 - 9:30	PS206	Innovation and Invention in Surgery	79	Ballroom C	
8:00 - 11:15	SF15	Quality, Outcomes, and Costs II	119	151A	
8:00 - 3:30	SC10	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	52	146B	SA, Pts
11:30 - 12:30	ME201	How to Mentor a Newly Trained Partner	67	148	
12:30 - 4:45	PG25	Maintenance of Certification Review: Essentials for Surgical Specialties	64	140	SA
12:45 - 2:15	SP08	Surgical Education	103	201	
1:00 - 5:00	PS221	Association of Program Directors in Surgery (APDS) Panels: Improving General Surgery Residency Training	83	152	
2:30 - 4:00	SP09	Quality, Outcomes, and Costs II	103	208	
Wednesday, October 9					
7:00 - 7:45	TH11	Transition to Independent Practice: New ACS Program for General Surgeons	40	206	
8:00 - 9:30	PS304	Redirection and Reentry: Flexibility for a Surgical Career	88	206	Pts
8:00 - 11:15	SF26	Surgical Education I	127	102	
8:30 - 4:00	PG27	Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams	65	146A	Pts
9:45 - 11:15	PS309	The Modern Family: Surgery 2013	91	152	
9:45 - 11:15	PS328	A Century of Canadian Contributions to the ACS and Surgical Science	91	103	
9:45 - 11:15	SP15	Surgical Humanitarian Outreach: Quality, Outcomes, and Costs III	106	149	
11:30 - 12:30	ME307	Preparing for ABS Recertification: Don't Sweat It... Or Maybe...	68	158B	
12:45 - 2:15	PS316	Nonsurgical Education: Is It Worth Going Back to School?	93	152	
2:30 - 5:45	SF29	Quality, Outcomes, and Costs III	129	143BC	
4:15 - 5:45	PS330	Negotiating for Success	97	152	
4:15 - 5:45	SF32	Patient Safety	131	144	
Thursday, October 10					
7:00 - 7:45	TH08	Choosing a Surgical Discipline	42	Ballroom C	
7:00 - 7:45	TH13	The Surgeon-Specific Registry and Maintenance of Certification: What Does It Mean for the Practicing Surgeon?	42	206	
8:00 - 11:15	SF36	Surgical Education II	134	151A	
9:45 - 11:15	PS408	It Pays for Your Patients to Quit Smoking Before Surgery: Outcomes, Interventions, and Reimbursement	99	145	
ETHICS (ETH)					
Monday, October 7					
1:15 - 2:15	ME101	Burning Issues in Surgical Ethics: Collaborations with Industry and Potential Conflicts of Interest	67	203A	

Tuesday, October 8					
9:45 - 11:15	PS212	Piece of the Action or Run the Trial: Managing Conflict of Interest in Research and Innovation	80	150	E
11:30 - 12:30	ME202	Who Says Yes, and Who Says No: The Role of the Surgeon in Palliative Care	67	153	E
2:30 - 5:45	PS228	Ethics Colloquium: End-of-Life Issues for Surgical Patients	85	154	W, SA
Wednesday, October 9					
9:45 - 10:45	NL10	Ethics and Philosophy Lecture	44	150	E
Thursday, October 10					
7:00 - 7:45	TH09	Ethics in Advertising: What Is the Surgeon's Responsibility	42	202	
8:00 - 9:30	PS401	The Geriatric Surgery Patient: Issues in Perioperative and End-of-Life Care	97	202	E
GERIATRIC / PALLIATIVE CARE (GER)					
Tuesday, October 8					
7:00 - 7:45	TH10	Introspection: The New Surgical "Time Out"	38	201	
4:15 - 5:45	PS233	Incorporating Palliative Care in Cancer Management	86	201	Pts
Wednesday, October 9					
4:15 - 5:45	SF31	Geriatric Surgery	131	154	
Thursday, October 10					
8:00 - 9:30	PS401	The Geriatric Surgery Patient: Issues in Perioperative and End-of-Life Care	97	202	E
HEALTH POLICY: PRACTICE MANAGEMENT / REIMBURSEMENT / LIABILITY ISSUES (HP)					
Saturday, October 5					
9:30 - 5:00	PG17	Basic Office Coding and Profitable Practice Operations	57	147	
Sunday, October 6					
9:00 - 4:30	PG19	Mastering General Surgery Coding (Advanced)	58	151B	
Monday, October 7					
9:45 - 1:00	SF05	Quality, Outcomes, and Costs I	111	143BC	
11:30 - 1:00	PS112	Medicare's Approach to Value-Based Purchasing: Aligning with the New Medicare Value-Based Payment Modifier	72	145	
2:30 - 4:00	PS114	Initiates' Program: Titrating Your Leadership Skills—A Primer for Young Surgeons	73	152	
Tuesday, October 8					
7:00 - 7:45	TH02	What Are the Current Issues in Board Certification and Maintenance of Certification?	37	202	
7:00 - 7:45	TH03	Surgeons as Health Policy Advocates	38	207	
7:00 - 7:45	TH10	Introspection: The New Surgical "Time Out"	38	201	
8:00 - 11:15	SF15	Quality, Outcomes, and Costs II	119	151A	
2:30 - 4:00	PS223	Implementing Social Media Applications into Your Continuing Professional Development	83	201	

4:15 - 5:45	PS230	Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?	85	202	
<b>Wednesday, October 9</b>					
7:00 - 7:45	TH05	Rural Surgery: What Are the Challenges?	40	202	
7:00 - 7:45	TH06	Medical Liability Reform 2013: Thinking Outside of the Box to Achieve Tort Reform	40	207	
9:45 - 11:15	PS309	The Modern Family: Surgery 2013	91	152	
11:30 - 12:30	ME309	How to Create Your Own Bundled Payment for Surgical Reimbursement	68	159B	
2:30 - 5:45	SF29	Quality, Outcomes, and Costs III	129	143BC	
4:15 - 5:45	PS330	Negotiating for Success	97	152	
<b>Thursday, October 10</b>					
7:00 - 7:45	TH07	The ACS Clinical Research Program Defining Cancer Surgical Guidelines and Reporting	41	207	
7:00 - 7:45	TH13	The Surgeon-Specific Registry and Maintenance of Certification: What Does It Mean for the Practicing Surgeon?	42	206	
9:45 - 11:15	PS405	What's New in Advocacy and Health Policy: Top 10 Advances in the Past Year	98	202	W SA
<b>INFORMATICS (INFO)</b>					
<b>Tuesday, October 8</b>					
8:00 - 3:30	SC10	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	52	146B	SA, PtS
2:30 - 4:00	PS223	Implementing Social Media Applications into Your Continuing Professional Development	83	201	
<b>Wednesday, October 9</b>					
7:00 - 7:45	TH04	Robotic Surgery: Does It Fit in Your General Surgery Practice?	40	Ballroom C	
<b>Thursday, October 10</b>					
8:00 - 9:30	PS404	How to Bring Biologic Therapies and Devices to Clinical Use	98	206	
8:00 - 11:15	SF34	Innovative Clinical Technology	133	143BC	
<b>INTERNATIONAL (INT)</b>					
<b>Monday, October 7</b>					
9:45 - 1:00	PS106	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2013 Volunteerism and Humanitarian Award Winners	71	154	
1:15 - 2:15		Open Mike: Advocating for Global Surgery	36	154	
2:30 - 5:45	PS120	Latin America Day: Hepatobiliary Surgery	75	201	
<b>Tuesday, October 8</b>					
12:45 - 2:15	PS220	International Surgery Rotations: Creating Learning Opportunities	82	150	
<b>Wednesday, October 9</b>					
8:00 - 9:00	NL09	Distinguished Lecture of the International Society of Surgery	44	150	📍

9:45 - 11:15	PS307	Developing, Implementing, and Evaluating Trauma Care Systems: Experiences from Low- and Middle-Income Countries	90	144	PtS, T
12:45 - 4:00	PS318	The College's International Scholars and Travelers 2013	93	149	
2:30 - 4:00	PS329	Surgical Insights from France	96	154	
<b>Thursday, October 10</b>					
9:45 - 11:15	PS406	Trauma Care Around the World: Differences, Similarities, and Controversies	99	Ballroom C	T
<b>NEUROSURGERY (NEU)</b>					
<b>Monday, October 7</b>					
9:45 - 11:15	SF02	Neurosurgery	110	209B	
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	43	202	
<b>Tuesday, October 8</b>					
8:00 - 9:30	PS202	Case-Based Discussion of the Management of Pediatric Traumatic Brain Injury	78	152	T
8:00 - 9:30	VE07	Neurological Surgery	138	140	
9:45 - 11:15	PS213	Management of Polytrauma Patients with Central Nervous System (CNS) Injury	81	201	T
<b>OBSTETRICS AND GYNECOLOGY (OBG)</b>					
<b>Monday, October 7</b>					
9:45 - 11:15	SF03	Obstetrics and Gynecology	110	209C	
<b>Tuesday, October 8</b>					
12:45 - 2:15	VE09	Obstetrics and Gynecology	140	151A	
2:30 - 4:00	PS224	She's Pregnant: Things the General Surgeon Should Know	84	Ballroom AB	PtS
<b>OPHTHALMIC SURGERY (OPHTHO)</b>					
<b>Tuesday, October 8</b>					
12:45 - 2:15	PS218	Advances in Periocular and Orbital Surgery: The Past 25 Years	82	149	
<b>ORTHOPAEDIC SURGERY (ORT)</b>					
<b>Tuesday, October 8</b>					
2:30 - 4:00	PS227	Long-Term Outcomes of Combat Wound Care	84	145	📍 T
2:30 - 4:00	SF18	Orthopaedic Surgery	121	143A	
<b>OTOLARYNGOLOGY - HEAD AND NECK SURGERY (OTO)</b>					
<b>Monday, October 7</b>					
9:45 - 5:45	SC07	Thyroid and Parathyroid Ultrasound	50	208	SA
11:30 - 1:00	PS108	Controversies in Thyroid Surgery	71	Ballroom C	W SA
1:15 - 2:15	ME111	Parathyroid Disease	67	155	
2:30 - 4:00	PS116	Approach to Neck Masses in Adults and Children	73	154	📍
4:15 - 5:45	PS124	Controversies in Parathyroid Surgery	76	207	W SA
<b>Tuesday, October 8</b>					
8:00 - 11:15	VE08	Otolaryngology: Head and Neck Surgery	138	151B	
9:00 - 4:30	SC13	Emergency Airways	54	208	PtS, SA, T
11:30 - 12:30	ME205	Barrett's Esophagus	67	159A	







2:30 - 4:00	PS225	Hot Topics in Thyroid Cancer	84	207	W Pts, SA
<b>Wednesday, October 9</b>					
7:00 - 7:45	TH06	Medical Liability Reform 2013: Thinking Outside of the Box to Achieve Tort Reform	40	207	
11:30 - 12:30	ME302	Recurrent Esophageal Symptoms after Nissen Fundoplication	68	148	
11:30 - 12:30	ME310	Thyroid Surgery: Tips for Staying Out of Trouble	68	142	
12:45 - 2:15	PS313	Complications of Esophageal Procedures: Neck, Chest, and Abdomen	92	Ballroom C	W Pts, SA
2:30 - 4:00	PS321	Gunshot Wounds to the Face: Contemporary Management	95	206	T
2:30 - 4:00	PS322	State of the Art in Head and Neck Trauma, Adult and Pediatric	95	207	T
<b>PEDIATRIC SURGERY (PED)</b>					
<b>Sunday, October 6</b>					
8:00 - 12:15	SC03	Ultrasound for Pediatric Surgeons	47	208	SA
<b>Monday, October 7</b>					
11:30 - 1:00	PS110	Congenital Anorectal Malformations: Transitioning to Adult Care	72	202	
2:30 - 4:00	PS116	Approach to Neck Masses in Adults and Children	73	154	
4:15 - 5:45	SF11	Pediatric Surgery I	116	149	
<b>Tuesday, October 8</b>					
8:00 - 9:30	PS202	Case-Based Discussion of the Management of Pediatric Traumatic Brain Injury	78	152	T
11:30 - 12:30	ME213	Pediatric Urologic Surgery	68	203B	
12:45 - 2:15	PS215	Acute Appendicitis: Operate Now, Wait Until the Morning, or Treat with Antibiotics? Review of the Evidence	81	Ballroom AB	W Pts, SA
2:30 - 5:45	SF21	Pediatric Surgery II	123	102	
<b>Wednesday, October 9</b>					
8:00 - 9:30	PS302	Intestinal Failure: Evolution of Therapy in the Era of Intestinal Transplantation	88	207	
2:30 - 4:00	PS322	State of the Art in Head and Neck Trauma, Adult and Pediatric	95	207	T
2:30 - 4:00	SP17	Pediatric Surgery; Perioperative, Critical Care Surgery	107	201	
8:00 - 11:15	VE18	Pediatric Surgery	143	201	
<b>PLASTIC AND MAXILLOFACIAL SURGERY (PLA)</b>					
<b>Monday, October 7</b>					
2:30 - 4:00	PS117	Chest Wall Resection and Reconstruction	74	207	
<b>Tuesday, October 8</b>					
8:00 - 11:15	SF14	Plastic and Maxillofacial Surgery I	118	149AB	
9:45 - 11:15	VE04	Subject-Oriented Symposium I: Complex Abdominal Wall Reconstruction: Plastics and General Surgeons—Can We All Agree?	139	152	
2:30 - 4:00	PS227	Long-Term Outcomes of Combat Wound Care	84	145	
4:15 - 5:45	PS234	The Patient's Wound Is Not Healing: Now What?	86	207	T







<b>Wednesday, October 9</b>					
12:45 - 2:15	SP16	Plastic/Maxillofacial Surgery	106	143BC	
2:30 - 4:00	PS321	Gunshot Wounds to the Face: Contemporary Management	95	206	T
2:30 - 5:45	SF28	Plastic and Maxillofacial Surgery II	128	102	
<b>Thursday, October 10</b>					
8:00 - 11:15	SF35	Plastic and Maxillofacial Surgery III	133	144	
<b>RESIDENTS / MEDICAL STUDENTS (RES/MED)</b>					
<b>Sunday, October 6</b>					
11:30 - 5:45		Medical Student Program, Session I	34	144	
11:30 - 3:00		Focus on RAS: Resident Leadership Session	34	151A/150	
3:00 - 5:30		Resident and Associate (RAS) Symposium	34	150	
<b>Monday, October 7</b>					
10:00 - 4:15		Surgery Resident Program Starting Surgical Practice: Essentials for Success	35	Salon ABC	
12:30 - 5:45		Medical Student Program Session II	36	144	
2:30 - 4:00	PS114	Initiates' Program: Titrating Your Leadership Skills - A Primer for Young Surgeons	73	152	
4:15 - 5:45	PS126	"Milestones" and What They Mean for Resident Training	77	145	
5:30 - 9:00		Society of Thoracic Surgery Resident and Medical Student Program	37	RWCD - Renaissance Ballroom	
<b>Tuesday, October 8</b>					
8:00 - 11:15	PS207	Spectacular Cases	79	144	
12:45 - 2:15	PS220	International Surgery Rotations: Creating Learning Opportunities	82	150	
1:00 - 5:00	PS221	Association of Program Directors in Surgery (APDS) Panels: Improving General Surgery Residency Training	83	152	
1:00 - 5:45		Medical Student Program, Session III	39	144	
4:15 - 5:45	PS235	Surgical Heroes of the Next 100 Years: Will They Be Different?	87	150	
<b>Wednesday, October 9</b>					
7:00 - 7:45	TH11	Transition to Independent Practice: New ACS Program for General Surgeons	40	206	
8:00 - 11:15	PS305	Surgical Jeopardy	89	145	
8:00 - 11:15	SF26	Surgical Education I	127	102	
9:45 - 11:15	PS309	The Modern Family: Surgery 2013	91	152	
12:45 - 2:15	PS316	Nonsurgical Education: Is It Worth Going Back to School?	93	152	
<b>Thursday, October 10</b>					
7:00 - 7:45	TH08	Choosing a Surgical Discipline	42	Ballroom C	
8:00 - 11:15	SF36	Surgical Education II	134	151A	
<b>RURAL SURGERY (RUS)</b>					
<b>Tuesday, October 8</b>					
9:45 - 11:15	PS210	100 Years of Rural Surgery: Past Accomplishments, Future Challenges	80	207	
4:15 - 5:45		Rural Surgeons Open Forum	39	147	

\* For a description of this session, please see the page number noted.

Wednesday, October 9					
7:00 - 7:45	TH05	Rural Surgery: What Are the Challenges?	40	202	
8:15 - 5:45	SC14	Advanced Skills Training for Rural Surgeons: Laparoscopic Common Bile Duct Exploration and Anesthesia in Rural Practice	54	SITEL	PtS, SA
SURGICAL HUMANITARIAN OUTREACH (HUM)					
Saturday, October 5					
8:15 - 5:45	SC01	Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon	46	NCAMSC	PtS, SA
Monday, October 7					
9:45 - 1:00	PS106	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2013 Volunteerism and Humanitarian Award Winners	71	154	
1:15 - 2:15		Open Mike: Advocating for Global Surgery	36	154	
2:30 - 4:00	SF07	Global Surgery	113	209B	
Tuesday, October 8					
12:45 - 2:15	PS220	International Surgery Rotations: Creating Learning Opportunities	82	150	
Wednesday, October 9					
9:45 - 11:15	SP15	Surgical Humanitarian Outreach: Quality, Outcomes, and Costs III	106	149	
12:45 - 4:00	PS318	The College's International Scholars and Travelers 2013	93	149	
SURGICAL ONCOLOGY (ONC)					
Monday, October 7					
9:45 - 11:15	PS102	Controversies in the Surgical Treatment of Pancreatic Cancer	69	202	(W) SA
9:45 - 11:15	PS105	Management of Hereditary Colon Cancer Syndromes	70	152	(W) SA
9:45 - 5:15	PG20	Endoscopic and Minimally-Invasive Surgical Approaches for Managing Benign and Malignant Esophageal Disease	59	140	
11:30 - 1:00	PS111	Contemporary Treatment of Melanoma	72	207	(W) SA
1:15 - 2:15	ME106	Personalized Medicine for Breast Cancer	67	142	
2:30 - 4:00	PS119	Translational Medicine: A Vital Role for Surgeons	74	206	(P)
2:30 - 5:45	SF08	Surgical Oncology/Endocrine I	114	102	
4:15 - 5:45	SP05	Surgical Oncology I	102	154	
Tuesday, October 8					
8:00 - 9:30	PS205	High-Risk Breast Patients: Assessment, Genetics, and Atypical Lesions	78	207	(P)
8:00 - 11:15	SF16	Surgical Oncology/Endocrine II	119	143BC	
9:00 - 4:30	PG24	Breast Cancer: Current Treatment Paradigms	63	146A	
11:30 - 12:30	ME203	New Concepts in Breast Cancer	67	156	
12:45 - 2:15	PS216	The Multimodality Management of Retroperitoneal and Extremity Sarcoma	81	202	(W) SA
2:30 - 4:00	PS225	Hot Topics in Thyroid Cancer	84	207	(W) PtS, SA

2:30 - 5:45	SF20	Biomarkers and Genetic Determinants of Disease and Outcomes	122	149	
4:15 - 5:45	PS233	Incorporating Palliative Care in Cancer Management	86	201	PtS
Wednesday, October 9					
8:00 - 9:30	SP14	Surgical Oncology II	106	149	
11:30 - 12:30	ME303	Radiological Workup and the Breast	68	159A	
11:30 - 12:30	ME308	Management of the Axilla in Breast Cancer in 2013	68	156	
12:45 - 1:45	NL11	Commission on Cancer Oncology Lecture	44	150	
2:30 - 4:00	PS319	Quality Colorectal Cancer Care: What You Should Know	94	Ballroom AB	(W) PtS, SA
2:30 - 4:00	PS323	Neoadjuvant Therapy: Finding the New Normal in Cancer Treatment	95	152	(W) SA
4:15 - 5:45	PS327	Advancing the Surgeon's Role in Cancer Prevention and Clinical Trials	96	206	
Thursday, October 10					
7:00 - 7:45	TH07	ACS Clinical Research Program Defining Cancer Surgical Guidelines and Reporting	41	207	
TRAUMA / CRITICAL CARE (TRA)					
Saturday, October 5					
9:00 - 4:30	SC02	Bedside Procedures in the Surgical Intensive Care Unit (ICU): What, Why, and How	46	151B	PtS, T
Sunday, October 6					
1:00 - 5:15	SC06	Focused Assessment with Sonography in Trauma (FAST) Ultrasound	49	208	SA, T
Monday, October 7					
9:45 - 11:15	PS104	The Toughest Trauma Case I Ever Had	70	207	(P) PtS, T
10:15 - 5:45	PG23	Trauma Update 2013	62	146A	T
Tuesday, October 8					
8:00 - 9:30	PS200	Severe Acute Pancreatitis: Evolving Management Strategies	77	Ballroom AB	(W) PtS, SA, T
8:00 - 9:30	PS201	Managing Thoracic Trauma: The Debate Continues	77	202	(W) SA, T
8:00 - 9:30	PS202	Case-Based Discussion of the Management of Pediatric Traumatic Brain Injury	78	152	T
8:00 - 11:15	SF13	Critical Care I	117	102	T
9:45 - 11:15	PS208	A Wild Night on Acute Care Surgery Call: Challenging Cases, Great Lessons	79	Ballroom AB	(W) PtS, SA, T
9:45 - 11:15	PS209	Don't Get Burned: A Refresher Course in Management of Thermal Injuries	79	145	(W) SA, T
9:45 - 11:15	PS213	Management of Polytrauma Patients with Central Nervous System (CNS) Injury	81	201	T
12:45 - 1:30	NL07	Scudder Oration on Trauma	44	Ballroom C	T

12:45 - 2:15	PS219	From the Battlefield to the Home Front: Translating Military Experience into Civilian Practice	82	145	 T
2:30 - 4:00	PS226	Ingested, Inserted, and Impaled Foreign Bodies: Strategies for Successful Management	84	202	 PtS, T
2:30 - 4:00	PS227	Long-Term Outcomes of Combat Wound Care	84	145	 T
2:30 - 4:00	SP10	Trauma Surgery	104	206	T
4:15 - 5:45	PS231	Perioperative Care in the Surgical Intensive Care Unit (ICU): Challenging Scenarios for the Surgeon and Intensivist	86	Ballroom C	PtS, T
<b>Wednesday, October 9</b>					
8:00 - 9:30	PS303	Civilian and Military Injuries to Kidney, Ureter, and Bladder	88	152	 PtS, T
8:00 - 9:30	PS331	Lessons Learned from the Boston Marathon Bombing	88	144	 T
8:00 - 11:15	SF24	Critical Care II	125	151A	T
8:00 - 4:00	PG26	Update in Surgical Critical Care	64	147	SA, T
9:45 - 11:15	PS307	Developing, Implementing, and Evaluating Trauma Care Systems: Experiences from Low- and Middle-Income Countries	90	144	PtS, T
9:45 - 11:15	PS310	Mass-Casualty Shootings: Saving the Patients	91	Ballroom C	T
9:45 - 11:15	VE19	Subject-Oriented Symposium III: Managing Abdominal Disasters	144	154	T
12:45 - 2:15	VE21	Trauma	145	207	T
2:30 - 4:00	PS321	Gunshot Wounds to the Face: Contemporary Management	95	206	T
2:30 - 4:00	PS322	State of the Art in Head and Neck Trauma, Adult and Pediatric	95	207	T
<b>Thursday, October 10</b>					
8:00 - 9:30	PS402	Simulation Training in the Intensive Care Unit (ICU)	98	207	 SA, T
8:00 - 11:15	SF33	Critical Care III	132	102	T
9:45 - 11:15	PS406	Trauma Care Around the World: Differences, Similarities, and Controversies	99	Ballroom C	T
<b>UROLOGY (URO)</b>					
<b>Monday, October 7</b>					
8:30 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	43	Ballroom AB	
2:30 - 5:45	SF09	Urology and Reproductive Surgery I	115	143A	
<b>Tuesday, October 8</b>					
7:00 - 7:45	TH02	What Are the Current Issues in Board Certification and Maintenance of Certification?	37	202	
11:30 - 12:30	ME210	Developing a Robotic Surgery Program in Urology	68	158B	
11:30 - 12:30	ME213	Pediatric Urologic Surgery	68	203B	
2:30 - 4:00	VE14	Urology	141	151B	
4:15 - 5:45	SF22	Urology and Reproductive Surgery II (Robotics)	124	151A	
4:15 - 5:45	SP12	Urology	105	143A	

<b>Wednesday, October 9</b>					
8:00 - 9:30	PS303	Civilian and Military Injuries to Kidney, Ureter, and Bladder	88	152	 PtS, T
12:45 - 2:15	PS315	Controversies in Men's Health: Prostate-Specific Antigen (PSA) and Testosterone	93	144	
<b>VASCULAR SURGERY (VAS)</b>					
<b>Monday, October 7</b>					
2:30 - 4:00	PS118	Diagnosis and Management of the Diabetic Foot	74	145	
2:30 - 5:45	SF10	Vascular Surgery	115	143BC	
4:15 - 5:45	PS123	Update in Carotid Disease Diagnosis and Treatment	75	151A	 W SA
<b>Tuesday, October 8</b>					
4:15 - 5:45	PS234	The Patient's Wound Is Not Healing: Now What?	86	207	
<b>Wednesday, October 9</b>					
8:00 - 9:30	SP13	Vascular Surgery	105	154	
9:00 - 4:30	PG28	Review of the Essentials of Vascular Surgery	66	151B	SA
12:45 - 2:15	PS317	Challenges in Management of Patients with Aneurysms	93	201	 W SA
2:30 - 4:00	PS324	Contemporary Approaches to Dialysis Access	95	144	
2:30 - 4:00	VE23	Vascular Surgery	145	150	
2:30 - 5:45	SF30	Vascular Surgery II	130	143A	
<b>Thursday, October 10</b>					
8:00 - 9:30	PS403	Outpatient Venous Procedures	98	145	



# Sessions of Special Interest

## Sunday, October 6

### Medical Student Program Session I

11:30 am - 5:45 pm

*Location: Walter E. Washington Convention Center, 144*

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed specifically for those students considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to American College of Surgeons (ACS) Medical Student Members who register in advance. Nonmembers will be charged a nominal registration fee. Topics include: optimizing each year in medical school to prepare for a surgical residency, choosing the surgical discipline that best suits one's personality, and navigating the residency application process and interviewing successfully.

Speakers include ACS leaders and surgical educators at both the medical student and resident levels. Students are able to hone their interviewing skills through an interactive session with surgeons, as well as network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Sunday's program include a presentation by William P. Schecter, MD, FACS, followed by a luncheon. Also on Sunday is the Medical Student Program Poster Session, during which 40 medical students present their clinical, basic science, or educational research. Resident and surgeon volunteers critique these presentations, and winners are formally recognized during the program.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Marriott Wardman Park or visit the Division of Education Booth at the ACS Resource Center at the Walter E. Washington Convention Center. You may also access our website at <http://www.facs.org/clincon2013/special/medicalstudent.html/>.

#### SPEAKER:

William P. Schecter, MD, FACS, *San Francisco, CA*

*Sponsored by the Committee on Medical Student Education*

### Resident and Associate Society

11:30 am - 3:00 pm

*Walter E. Washington Convention Center, 151A/150*

#### Focus on RAS, Resident Leadership Session

The Resident and Associate Society (RAS) will hold a free networking luncheon from 11:30 am to 12:30 pm. The luncheon is open to all Residents and Associate Fellows.

Following the networking luncheon, a Leadership Session will take place from 12:30 pm to 3:00 pm. The session will include information on leadership opportunities within the ACS and chances for participants to get involved right away and remain at the forefront of leadership within the College. ACS President A. Brent Eastman, MD, FACS, FRCSEd(Hon), FRACS(Hon), FRCSI(Hon), will also give a special address to further support the need for leadership at the Resident Member and Associate Fellow level of training. This session is set to be an exemplary one—the first of its kind!

### Resident and Associate Society Symposium

3:00 - 5:30 pm

*Walter E. Washington Convention Center, 150*

#### Patient Rankings: Should Patient Feedback Affect Our Pay and Delivery of Care?

The RAS Symposium will feature a debate between leaders in surgery on the timely topic of patient rankings and their use in day-to-day practice. There has been an explosion in online websites that post patient feedback after surgeon encounters. Survey instruments such as the Hospital Consumer Assessment of Healthcare Providers and Systems request patient feedback on multiple aspects of hospitalizations and physician-patient interactions and will soon be tied to physician payment as part of health care reform. This debate will focus on the role of patient rankings in improving care and whether existing methods for obtaining patient feedback (online, surveys, and so on) should be tied to surgeon payment. This session will be followed by audience questions and interaction.

### The Convocation

6:00 - 8:00 pm

*Walter E. Washington Convention Center, Ballroom AB*

PRESIDENT PRESIDING: A. Brent Eastman, MD, FACS, FRCSEd(Hon), FRACS(Hon), FRCSI(Hon), *San Diego, CA*

Procession of Initiates

Procession of Officers, Regents, Governors, and Guests

Invocation

The Rev. Gina Campbell, Director of Worship,  
Washington National Cathedral, *Washington, DC*

Presentation of Initiates by Chair, Board of Regents  
Julie A. Freischlag, MD, FACS, *Baltimore, MD*

Fellowship Pledge and Conferral of Fellowship by the Secretary of the College

Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

Conferral of Fellowship by the President

Response on Behalf of New Fellows by Chair,  
Resident and Associate Society

Brian J. Santin, MD, FACS, *Cincinnati, OH*



## Presentation of Centennial Gifts

Presentation of the Distinguished Service Award by the President of the College

Recipient: Barbara L. Bass, MD, FACS, *Houston, TX*

## Granting of Honorary Fellowships

Markus W. Büchler, MD, *Heidelberg, Germany*

Presented by Andrew L. Warshaw, MD, FACS, *Boston, MA*

R. J. (Bill) Heald, OBE, MChir, FRCSEng, FRCSEd, *Basingstoke, Hampshire, UK*

Presented by John K. MacFarlane, MDCM, FACS, FRCSC, *Vancouver, BC*

J. Octavio Ruiz Speare, MD, FACS, *Mexico City, DF, Mexico*

Presented by Lenworth M. Jacobs, Jr., MD, FACS, *Hartford, CT*

Prinya Sakiyalak, MD, FACS, FRCST, *Bangkok, Thailand*

Presented by Patricia J. Numann, MD, FACS, FRCSGlas(Hon), FRCSEd(Hon), *Syracuse, NY*

Norman S. Williams, PRCS, MS, FMedSci, *London, UK*

Presented by Murray F. Brennan, MD, FACS, FRCSI(Hon), FRCSEd(Hon), FRCSEng(Hon), FRACS(Hon), FRCSGlas(Hon), FRCSC(Hon), *New York, NY*

Cheng-Har Yip, MBBS (Mal), FRCSEd, FRCSGlas, *Kuala Lumpur, Malaysia*

Presented by Benjamin O. Anderson, MD, FACS, *Seattle, WA*

## Installation of Officers, 2013–2014

## As First Vice-President

Layton F. Rikkers, MD, FACS, *Madison, WI*

## As Second Vice-President

John T. Preskitt, MD, FACS, *Dallas, TX*

## As President

Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

## Presidential Address

## Recession

## Monday, October 7

### The Opening Ceremony

8:30 - 9:00 am

*Walter E. Washington Convention Center, Ballroom AB*

PRESIDENT PRESIDING: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA*

The Colors and the Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year. The President introduces the College Officers and Regents, the Honorary Fellows, Past-Presidents, the recipient of the Distinguished Philanthropist Award, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipients, and the International Guest Scholars.

### Martin Memorial Lecture sponsored by the American Urological Association (NL01): Something New, Something Old, with Renewed Force: The Role of History and Innovation in Medicine

9:00 - 9:30 am

*Walter E. Washington Convention Center, Ballroom AB*

The Martin Memorial Lecture and the American Urological Association (AUA) Lecture have been combined for presentation during the Opening Ceremony of the Clinical Congress. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College, and his wife, Isabelle Hollister Martin. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery.

### Surgery Resident Program: Starting Surgical Practice: Essentials for Success

10:00 am - 4:15 pm

*Washington Convention Center, Salon ABC*

Surgery residents from all postgraduate year levels are invited by the Division of Education to participate in a special program designed to assist surgical residents with essential nonclinical issues they face during residency training and the transitional period to their post-training career. Topics will include job hunting tips, managing professional liability risk, negotiating a first contract, attaining a successful work/life balance, and more. Additionally, interactive sessions will be offered in which residents may explore different types of practice settings and other topics. Speakers will include not only leaders from surgery, but also a certified financial planner, an attorney with extensive professional liability experience, and an expert in physician career development.

#### Opening Remarks

Leigh A. Neumayer MD, FACS, *Salt Lake City, UT*, Course Director

Ajit K. Sachdeva, MD, FRCSC, FACS, *Chicago, IL*, Director, Division of Education

Glenn T. Ault, MD, MEd, FACS, *Los Angeles, CA*, Vice-Chair, Committee on Resident Education

#### Physician Jobs and Contracts: Selecting and Negotiating for Your Best Career Move and Peace of Mind

Roger G. Bonds, FMSD, CMSR, *Atlanta, GA*

#### Reducing Your Professional Liability Risk and Enhancing Your Practice

James W. Saxton, Esq., *Lancaster, PA*

#### Accumulating, Protecting and Preserving: Building Your Financial Future

Ronald J. Paprocki, JD, CFP, CHBC, *Chicago, IL*

#### Memories of the Future—Your Future

Carlos A. Pellegrini, MD, FACS, ACS President, *Seattle, WA*

#### The Life of a Clown: Juggling Work/Life Balance

Leigh A. Neumayer, MD, FACS, *Salt Lake City, UT*

For additional information, contact the Division of Education Office at the Marriott Wardman Park or the Division of Education booth in the ACS Resource Center, Walter E. Washington Convention Center.

**Medical Student Program - Session II**

12:30 - 5:45 pm

*Location: Walter E. Washington Convention Center, 144*

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student Members who register in advance. Non-members will be charged a nominal registration fee.

Topics include optimizing each year in medical school to prepare for a surgical residency, choosing the surgical discipline that best suits one's personality, and navigating the residency application process and interviewing successfully.

Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to hone their interviewing skills through an interactive session with surgeons as well as network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Monday's program include a presentation by ACS President, Carlos A. Pellegrini, MD, FACS, FRCSI(Hon). There will also be a resident panel about the path to residency, a surgical skills workshop, and small group sessions led by program directors and administrators from APDS and ARCS.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Marriott Wardman Park or the Division of Education Booth in the ACS Resource Center, Walter E. Washington Convention Center. You may also access our website at <http://www.facs.org/clincon2013/special/medicalstudent.html/>.

**SPEAKERS:**Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*Carlos A. Pellegrini, MD, FACS, *Seattle, WA*

*Sponsored by the Committee on Medical Student Education*

**Open Mike: Advocating for Global Surgery**

1:15 - 2:15 pm

*Location: Walter E. Washington Convention Center, 154*

TRACKS: HUM, INT

This open mike style forum will focus on the efforts around the world related to advocating for the integration of surgery into the global public health agenda, and is intended to facilitate ongoing consensus and collaboration. A short report format (3–5 minutes each) will be employed to allow a spectrum of existing, planned and proposed efforts to be discussed.

*Sponsored by Operating Giving Back and the International Relations Committee*

**Meet-the-Expert Luncheons**

1:15 - 2:15 pm

*Walter E. Washington Convention Center, room numbers listed below:*

**ME101 Burning Issues in Surgical Ethics: Collaborations with Industry and Potential Conflicts of Interest**

*Location: 203A*

TRACKS: ETH, GEN

FACILITATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

**ME102 Sportsman's Hernia: Is It Real?**

*Location: 148*

TRACK: GEN

FACILITATOR: L. Michael Brunt, MD, FACS, *St. Louis, MO*

**ME103 Endoscopic Retrograde Cholangiopancreatogram (ERCP): How to Incorporate into a General Surgery Practice**

*Location: 158A*

TRACK: GEN

FACILITATOR: Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*

**ME104 Retroperitoneal Adrenalectomy**

*Location: 158B*

TRACK: GEN

FACILITATOR: Nancy D. Perrier, MD, FACS, *Houston, TX*

**ME105 Advancing the Use of Ultrasound in Acute Care Surgery**

*Location: 153*

TRACK: GEN

FACILITATOR: Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

**ME106 Personalized Medicine for Breast Cancer**

*Location: 142*

TRACKS: GEN, ONC

FACILITATOR: Ingrid M. Meszoely, MD, FACS, *Nashville, TN*

**ME107 Pilonidal Disease**

*Location: 141*

TRACK: CRS

FACILITATOR: Herand Abcarian, MD, FACS, *Chicago, IL*

**ME108 How to Get Your Research Published**

*Location: 156*

TRACK: GEN

FACILITATOR: Keith D. Lillemoe, MD, FACS, *Boston, MA*

**ME109 I Got Sued: Now What?**

*Location: 159A*

TRACK: GEN

FACILITATOR: Terrell C. Hicks, MD, FACS, *New Orleans, LA*

**ME110 Anal Neoplasia**

*Location: 159B*

TRACK: CRS

FACILITATOR: Rocco Ricciardi, MD, MPH, FACS, FASCRS, *Burlington, MA*

**ME111 Parathyroid Disease**

*Location: 155*

TRACK: OTO

FACILITATOR: Herbert Chen, MD, FACS, *Madison, WI*

**ME112 Nonoperative Management of Solid Organ Injuries**

*Location: 203B*

TRACK: GEN

FACILITATOR: Daniel L. Dent, MD, FACS, *San Antonio, TX*

### Young Fellows Association Program 5th Annual YFA Meeting

4:00 - 5:45 pm

*Location: Walter E. Washington Convention Center, 152*

The Young Fellows Association (YFA) welcomes the new Initiates and Fellows who are 45 years old or younger, or those “young at heart” to the 5th Annual YFA Meeting.

#### Call to Order and Introductions

YFA Governing Council

Laurel C. Soot, MD, FACS, Chair

S. Rob Todd, MD, FACS, Chair-Elect

#### Round Table Discussion

Carlos A. Pellegrini, MD, FACS, President,  
American College of Surgeons

#### Reports for YFA Work Groups

#### Networking Reception

### Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students

5:30 - 9:00 pm

*Location: Renaissance Washington, DC, Downtown –  
Renaissance Ballroom*

#### COURSE DIRECTORS:

Thomas E. MacGillivray, MD, FACS, *Massachusetts  
General Hospital, Boston, MA*

James I. Fann, MD, FACS, *Stanford University  
Medical Center, Stanford, CA*

Daniel L. Miller, MD, FACS, *Emory University,  
Atlanta, GA*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic surgeons today and provide information about upcoming new technologies and the six-year integrated cardiothoracic surgery training program. The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures. Participants will experience and have the opportunity to perform these surgical procedures using synthetic and tissue-based simulation models. The program will be taught by cardiothoracic (CT) surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (*Buffet dinner available at 5:30 pm*)

#### Welcome and Introductions

Thomas E. MacGillivray, MD, FACS, *Boston, MA* and  
James I. Fann, MD, FACS, *Stanford, CA*

#### Projected Needs of CT Surgery

Walter H. Merrill, MD, FACS, *Jackson, MS*

#### Update on the Six-Year, Integrated CT Surgery Programs

Richard H. Feins, MD, FACS, *Chapel Hill, NC*

#### Wet Lab Orientation and Station Assignments

#### Rotating Hands-On Sessions

#### CARDIAC STATIONS

Aortic Valve and Root Replacement – Thomas E.  
MacGillivray, MD, FACS, *MGH, Boston, MA*

Vessel Suturing – James I. Fann, MD, FACS, *Stanford  
University, Stanford, CA*

Mitral Valve Repair – Walter H. Merrill, MD, FACS  
University of Mississippi, *Jackson, MS*

OPCAB – Robert S. Higgins, MD, FACS, Ohio State  
University, *Columbus, OH*

Transcatheter Valve Technology – Vinod H.  
Thourani, MD, FACS, Emory University, *Atlanta,  
GA*

#### THORACIC STATIONS

Video-Assisted Thoracoscopic Surgery (VATS)

Lobectomy – Scott J. Swanson, MD, FACS,  
Brigham and Women's Hospital, *Boston, MA*

Endoluminal Esophageal Surgery – Daniel L. Miller,  
MD, FACS, Emory University, *Atlanta, GA*

EBUS – Felix G. Fernandez, MD, FACS, Emory  
University, *Atlanta, GA*

Chest Wall Reconstruction and Rib Fracture  
Repair – Shanda H. Blackmon, MD, FACS, The  
Methodist Hospital, *Houston, TX*, and M. Blair  
Marshall, MD, Georgetown University, *Washing-  
ton, DC*

## Tuesday, October 8

### Town Hall Meetings (No CME credit)

7:00 - 7:45 am

### TH01 Who Will Be Available to Take General Surgery Calls in 2015?

*Location: Ballroom C*

TRACK: GEN

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus,  
OH*

MODERATOR: J. David Richardson, MD, FACS, *Louisville, KY*

The vast majority of finishing general surgical residents in the U.S. now do an additional year or more of specialized training. The number of surgeons who are restricting their practices to niches such as bariatric, breast, hernia surgery, and so on and who no longer want to take general surgical call for their local emergency rooms are a growing problem. The Town Hall meeting will start with a description of the magnitude of the problem and several suggested solutions, and then a discussion will be opened to the audience for comment and criticism.

*Sponsored by The Advisory Council for General Surgery*

### TH02 What Are the Current Issues in Board Certification and Maintenance of Certification?

*Location: 202*

TRACK: URO

MODERATOR: Gerald H. Jordan, MD, FACS, *Norfolk, VA*

CO-MODERATOR: Michael Coburn, MD, FACS, *Houston, TX*

This Town Hall will focus on the changing environment of board certification, including expected developments in surgical maintenance of certification, surgical skills assessments, and credentialing of surgeons.

#### PANELISTS:

Jo Buyske, MD, FACS, *Philadelphia, PA*

Tom Granatir, *Chicago, IL*

*Sponsored by the Advisory Council for Urology*

**TH03 Surgeons as Health Policy Advocates***Location: 207*

TRACK: HP

MODERATOR: James W. Gigantelli, MD, FACS, *Omaha, NE*  
 CO-MODERATOR: William L. Rich, MD, FACS, *Falls Church, VA*

This Town Hall will address contemporary health policy issues affecting surgeons, surgical patients, and the surgical profession. Learn how to maximize your effectiveness in influencing policy change.

## PANELISTS:

William L. Rich, MD, FACS, *Falls Church, VA*  
 Frank G. Opelka, MD, FACS, *Washington, DC*  
 Robert R. Bahnson, MD, FACS, *Columbus, OH*  
 Patrick V. Bailey, MD, FACS, *Phoenix, AZ*

*Sponsored by the Advisory Council for Ophthalmic Surgery*

**TH10 Introspection: The New Surgical Time Out***Location: 201*

TRACKS: EDU, GER, HP

MODERATOR: Geoffrey P. Dunn, MD, FACS, *Erie, PA*  
 CO-MODERATOR: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Do you feel uncomfortable in the presence of a suffering or dying patient without understanding why? In caring for the seriously and terminally ill, when a confrontation with one's own mortality is unavoidable, the capacity for introspection is a critical prerequisite for surgeons who intend to provide support and guidance for patients and their families. Unfortunately, most surgeons are given little encouragement or training in the practice of introspection. This Town Hall will discuss the challenges facing surgeons who want to cultivate the capacity for introspection, the rewards of doing so, and opportunities for growth. Town Hall attendees will be asked to share their perspectives on the role of the arts and letters in fostering introspection.

## PANELISTS:

Daniel B. Hinshaw, MD, FACS, *Ann Arbor, MI*  
 Robert A. Milch, MD, FACS, *Cheektowaga, NY*  
 Sherwin B. Nuland, MD, FACS, *Hamden, CT*  
 David W. Page, MD, FACS, *Springfield, MA*

*Sponsored by the Task Force for Surgical Palliative Care*

**Posters of Exceptional Merit Presentation**

11:30 am - 12:30 pm

*Location: Exhibit Hall A*

Attendees are cordially invited to attend a lunch-time tour and discussion of the Posters of Exceptional Merit facilitated by Program Committee Chair, Valerie W. Rusch, MD, FACS. More than 350 posters will be on display at the Clinical Congress, but only a select few are designated Posters of Exceptional Merit. Come hear the authors of these distinguished works present their innovative research and answer questions prior to the judges awarding one poster the title of Best Scientific Poster.

**Meet-the-Expert Luncheons**

11:30 am - 12:30 pm

*Walter E. Washington Convention Center, room numbers listed below:*

**ME201 How to Mentor a Newly Trained Partner***Location: 148*

TRACKS: EDU, GEN

FACILITATOR: Barbara L. Bass, MD, FACS, *Houston, TX***ME202 Who Says Yes and Who Says No: The Role of the Surgeon in Palliative Care***Location: 153*

TRACKS: ETH, GEN

FACILITATOR: Bridget N. Fahy, MD, FACS, *Houston, TX***ME203 New Concepts in Breast Cancer***Location: 156*

TRACK: ONC

FACILITATOR: Hiram S. Cody III, MD, FACS, *New York, NY***ME204 Treatment of Early Low Rectal Cancer: Chemo-radiation Therapy, Transanal Resection, or Coloanal?***Location: 158A*

TRACK: CRS

FACILITATOR: Philip B. Paty, MD, FACS, *New York, NY***ME205 Barrett's Esophagus***Location: 159A*

TRACK: OTO

FACILITATOR: Blair A. Jobe, MD, FACS, *Pittsburgh, PA***ME206 Diverticulitis: To Operate or Not to Operate—This Is the Question***Location: 155*

TRACKS: CRS, GEN

FACILITATOR: James W. Fleshman, MD, FACS, FASCRS, *Dallas, TX***ME207 Mesh for Hernia Repair: The Good, the Bad, and the Ugly***Location: 141*

TRACK: GEN

FACILITATOR: Brent D. Matthews, MD, FACS, *St. Louis, MO***ME208 The Difficult Gallbladder: Tricks of the Trade***Location: 142*

TRACK: GEN

FACILITATOR: Nathaniel J. Soper, MD, FACS, *Chicago, IL***ME209 Crohn's Disease: Basic Principles to Steer You Away from Trouble***Location: 159B*

TRACK: CRS

FACILITATOR: Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA***ME210 Developing a Robotic Surgery Program in Urology***Location: 158B*

TRACKS: GEN, URO

FACILITATOR: David I. Lee, MD, FACS, *Philadelphia, PA***ME211 Management of Gastroesophageal Reflux Disorder (GERD) in the Obese Patient***Location: 203A*

TRACK: GEN

FACILITATOR: Jon C. Gould, MD, FACS, *Milwaukee, WI*

**ME212 Necrotizing Fasciitis***Location: 209A*

TRACK: GEN

FACILITATOR: Gerald B. Demarest, MD, FACS,  
*Albuquerque, NM***ME213 Pediatric Urologic Surgery***Location: 203B*

TRACKS: PED, URO

FACILITATOR: David A. Bloom, MD, FACS, *Ann Arbor, MI***Medical Student Program - Session III**

1:00 - 5:45 pm

*Location: Walter E. Washington Convention Center, 144*

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student Members who register in advance. Non-members will be charged a nominal registration fee.

Topics include optimizing each year in medical school to prepare for a surgical residency, choosing the surgical discipline that best suits one's personality, and navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels.

Tuesday's program will include a presentation by the Chair of the ACS Board of Regents, Julie A. Freischlag, MD, FACS, titled Chances. Students will then learn the critical elements of the residency interview and will practice their interviewing skills during an interactive session with surgeons. They will also have the opportunity to informally network with residency program directors.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Marriott Wardman Park or visit the Division of Education Booth in the ACS Resource Center, Walter E. Washington Convention Center. You may also access our website <http://www.facs.org/clincon2013/special/medicalstudent.html/>.

## SPEAKERS:

Julie A. Freischlag, MD, FACS, *Baltimore, MD*Pamela A. Rowland, PhD, *Chapel Hill, NC*Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

*Sponsored by the Committee on Medical Student Education*

**Chapter Best Practices**

2:30 - 4:00 pm

*Location: 209B*

Back by popular demand, this year's best practices session will include a segment on how to develop an effective chapter meeting/event. A second segment will offer advice on how best to use the Chapter Checklist. New to the session this year is a Town Hall Meeting that will allow attendees to listen and learn about issues that affect chapters. Come prepared to participate!

The following best practices will be presented:

Running an Effective Chapter Meeting

Utilizing the Chapter Checklist as a Tool to Achieve Success!

Chapter Services Town Hall

*Sponsored by the Governors' Chapter Activities Domestic Workgroup*

**2013 Surgical Forum Dedication/Excellence in Research Awards Distribution**

2:30 - 4:00 pm

*Location: 149***Orthopaedic Surgery****Surgical Forum Dedication and 2013 Excellence in Research Awards Distribution**

Prior to the scientific presentations in this session, the 64th volume of the Owen H. Wangenstein Surgical Forum will be dedicated to Kirby I. Bland MD, FACS, Birmingham, AL. Mary T. Hawn MD, FACS, will provide the introduction followed by remarks from Dr. Bland. Immediately following, O. Joe Hines, MD, FACS, Chair of the Committee for the Forum on Fundamental Surgical Problems, will distribute 15 awards for excellence in research. Surgical residents and their mentors are encouraged to attend the dedication/awards distribution.

**Rural Surgeons Open Forum and Oweida Scholarship Presentation**

4:15 - 5:45 pm

*Location: 147*

The session opens with the introduction of the 2013 Nizar N. Oweida Scholarship recipient, Amy E. Tan, MD, FACS, a general surgeon practicing in Blue Hill, ME. The Advisory Council for Rural Surgery (ACRS) sponsors this open forum to enable direct communication between rural surgeons and the ACRS. Following an introduction of the Advisory Council, brief presentations will highlight several initiatives the ACRS is currently addressing.

This open forum is for all surgeons who believe that rural general surgeons are valuable to both the College and health care in America.

*Sponsored by the Advisory Council for Rural Surgery*

## Wednesday, October 9

### Town Hall Meetings (No CME credit)

7:00 - 7:45 am

#### TH04 Robotic Surgery for General Surgeons

Location: Ballroom C

TRACK: GEN, INFO

MODERATOR: Willie Melvin, MD, FACS, *Nashville, TX*

Robotic surgery has exploded on the surgical scene in the past few years. It has been rapidly incorporated into urologic and gynecologic practices, but the role of robotic surgery in general surgery practices has not followed the trend in these two specialties. Should general surgeons be adopting the robot into their own practice? If so, what are the appropriate operations for its use? Currently robotic surgery is being used in low pelvic colorectal operations and in foregut surgical procedures, such as bariatric and anti-reflux procedures. What are the training issues that should be addressed? What are appropriate credentialing plans? Should the general surgeon learn by performing easier, more common procedures, such as cholecystectomy, despite the additional cost? This panel will lay out some of these issues and then offer an open forum for audience participation and questions.

#### PANELISTS:

Michael S. Nussbaum, MD, FACS, *Jacksonville, FL*

Eric B. Wilson, MD, FACS, *Houston, TX*

Rick A. Low, MD, FACS, *Phoenix, AZ*

*Sponsored by the Advisory Council for General Surgery*

#### TH05 Rural Surgery: What Are the Challenges?

Location: 202

TRACK: HP, RUS

MODERATOR: Robert P. Sticca, MD, FACS, *Grand Forks, ND*

CO-MODERATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

The practice of general surgery has changed over the last couple of decades. In larger communities, general surgeons often subspecialize in one of a few of the disciplines of general surgery. However, rural surgeons have a scope of practice and skills that are more diverse than surgeons practicing in larger communities. Rural surgery has unique needs that relate to patient access, availability of other specialties, residency training needs, and continuing education.

#### PANELISTS:

David C. Borgstrom, MD, FACS, *Cooperstown, NY*

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Julie A. Conyers, MD, FACS, *Truckee, CA*

*Sponsored by the Advisory Council for Rural Surgery and the Committee on Perioperative Care*

#### TH06 Medical Liability Reform 2013: Thinking Outside of the Box to Achieve Tort Reform

Location: 207

TRACK: HP, OTO

MODERATOR: John Hedstrom, ACS Deputy Director, Legislative Affairs Improvement Program, *Washington, DC*

CO-MODERATOR: Leonard J. Weireter, Jr., MD, FACS, *Norfolk, VA*

To achieve meaningful medical liability reform, surgeons are going to need to advocate for ideas beyond caps on noneconomic damage awards. In this Town Hall, additional, practical ideas such as the development of medical courts, safe harbors, disclosure and offer programs, and mediation will be discussed.

#### PANELISTS:

John G. Meara, MD, FACS, *Boston, MA*

Leonard J. Weireter, Jr., MD, FACS, *Norfolk, VA*

*Sponsored by the Advisory Council for Otolaryngology – Head and Neck Surgery*

#### TH11 Transition to Independent Practice: New ACS Program for General Surgeons

Location: 206

TRACKS: EDU, RES/MED

MODERATOR: J. David Richardson, MD, FACS, *Louisville, KY*

MODERATOR: R. Phillip Burns, MD, FACS, *Chattanooga, TN*

Concerns regarding preparation of residents for practice are widespread. To address the gaps, the ACS has developed a unique transition to practice program. The ACS Transition to Practice Program in General Surgery will allow flexibility to address individual practice interests and will be structured to include core experiences in general surgery and practice management. Attendees will learn about the program's history and rationale, as well as how to become involved for both the individual seeking the experience and also program directors interested in offering the opportunity at their institutions.

#### PANELISTS:

L.D. Britt, MD, MPH, D.Sc(Hon), FACS, FCCM, FRCS(Eng)(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), *Norfolk, VA*

William G. Cioffi, Jr., MD, FACS, *Providence, RI*

E. Christopher Ellison, MD, FACS, *Columbus, OH*

Julie A. Freischlag, MD, FACS, *Baltimore, MD*

David B. Hoyt, MD, FACS, *Chicago, IL*

Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

Don K. Nakayama, MD, FACS, *Macon, GA*

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

#### Meet-the-Expert Luncheons

11:30 am - 12:30 pm

*Walter E. Washington Convention Center*

ME301 Hemorrhoids

Location: 153

TRACK: CRS

FACILITATOR: Richard J. Yarger, MD, FACS, *Yakima, WA*

**ME302 Recurrent Esophageal Symptoms after Nissen Fundoplication***Location: 148*

TRACK: OTO

FACILITATOR: S. Scott Davis, Jr., MD, FACS, *Atlanta, GA***ME303 Radiological Workup and the Breast***Location: 159A*

TRACKS: GEN, ONC

FACILITATOR: Lisa A. Newman, MD, FACS, *Ann Arbor, MI***ME304 Laparoscopic Colectomy: Tips and Tricks***Location: 141*

TRACK: CRS

FACILITATOR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA***ME305 Critical Issues in Laparoscopic Ventral Hernia Repair***Location: 203A*

TRACK: GEN

FACILITATOR: Karl A. LeBlanc, MD, FACS, *Baton Rouge, LA***ME306 Rectal Cancer – Advanced***Location: 158A*

TRACK: CRS

FACILITATOR: George J. Chang, MD, FACS, *Houston, TX***ME307 Preparing for American Board of Surgery (ABS) Recertification: Don't Sweat It...or Maybe...***Location: 158B*

TRACKS: EDU, GEN

FACILITATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI***ME308 Management of the Axilla in Breast Cancer in 2013***Location: 156*

TRACK: ONC

FACILITATOR: Eric B. Whitacre, MD, FACS, *Tucson, AZ***ME309 How to Create Your Own Bundled Payment for Surgical Reimbursement***Location: 159B*

TRACKS: GEN, HP

FACILITATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH***ME310 Thyroid Surgery: Tips for Staying Out of Trouble***Location: 142*

TRACK: OTO

FACILITATOR: David J. Terris, MD, FACS, *Augusta, GA***ME311 The Role of Surgeons in Reducing Never Events***Location: 155*

TRACK: GEN

FACILITATOR: T. Forcht Dag, MD, FACS, *Newton Centre, MA***ME312 Clostridium Difficile Colitis: Is It Getting Out of Hand?***Location: 203B*

TRACKS: CRS, GEN

FACILITATOR: John C. Alverdy, MD, FACS, *Chicago, IL***Annual Business Meeting of Members**

4:15 - 5:15 pm

*Location: Walter E. Washington Convention Center, 145*PRESIDENT PRESIDING: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA***Report of the Chair of the Board of Regents**Julie A. Freischlag, MD, FACS, *Baltimore, MD***Report of the Chair of the Board of Governors**Lena M. Napolitano, MD, FACS, *Ann Arbor, MI***Report of the Executive Director of the College**David B. Hoyt, MD, FACS, *Chicago, IL***Presentation of the Resident Award for Exemplary Teaching**

The President

**Presentation of the Jameson L. Chassin Award for Professionalism in General Surgery**

The President

**Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award**Recipient: Adil H. Haider, MD, MPH, FACS, *Baltimore, MD*

The President

**Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents and the Election of Officers of the Board of Governors**John B. Kortbeek, MD, FACS, FRCS, *Calgary, AB***Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons**Gayle E. Woodson, MD, FACS, *Springfield, IL***Report of the Chair of the Board of Directors of the ACS Foundation**Amilu Stewart, MD, FACS, *Colorado Springs, CO***Report of the Chair of the Board of Directors of the ACS-PA-SurgeonsPAC**Robert R. Bahnson, MD, FACS, *Columbus, OH***New Business****Adjournment****Thursday, October 10****Town Hall Meetings (No CME Credit)**

7:00 - 7:45 am

**TH07 ACS-CRP Defining Cancer Surgical Guidelines and Reporting***Location: 207*

TRACKS: HP, ONC

MODERATOR: Kelly K. Hunt, MD, FACS, *Houston, TX*

The American College of Surgeons Clinical Research Program (ACS-CRP) is developing a *Surgical Standards Manual* that will define the critical elements and controversial issues for cancer-related operations. The panelists in this Town Hall will discuss surgical

guidelines and reporting for breast, colon, and lung cancers. The *Cancer Surgical Standards Manual* is being developed and will be published in October 2014.

PANELISTS:

Kelly K. Hunt, MD, FACS, *Houston, TX*  
 Nirmal Veeramacheneni, MD, *Chapel Hill, NC*  
 Amy L. Halverson, MD, FACS, *Chicago, IL*  
 Matthew H.G. Katz, MD, *Houston, TX*  
 Sarah L. Blair, MD, FACS, *La Jolla, CA*

*Sponsored by the ACS-CRP Education Committee*

### TH08 Choosing a Surgical Discipline

*Location: Ballroom C*

TRACKS: EDU, RES/MED

MODERATOR: Babak J. Mehrara, MD, FACS, *New York, NY*

This Town Hall meeting will be an informal discussion by accomplished surgeons on choosing a surgical discipline. The goal is to provide participants with a better understanding of the thought process, obstacles, and planning required to pick a surgical specialty, obtain excellent training, and secure a position at the completion of training.

PANELISTS:

Tari A. King, MD, FACS, *New York, NY*  
 Charlotte E. Ariyan, MD, PhD, FACS, *New York, NY*  
 Peter J. Allen, MD, FACS, *New York, NY*

*Sponsored by the Committee for the Forum on Fundamental Surgical Problems*

### TH09 Ethics in Advertising: What Is the Surgeon's Responsibility?

*Location: 202*

TRACK: ETH

MODERATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*  
 CO-MODERATOR: William Doscher, MD, FACS, *Lake Success, NY*

Advertising has become a central aspect of the contemporary practice of surgery. However, little attention seems to be paid to what claims are being made and their reliability. We will begin to address this issue by raising the question of what an individual surgeon's responsibility for ethical advertising is and what standards, if any, should exist for advertising of surgical procedures.

*Sponsored by the Committee on Ethics*

### TH12 The ACS Practice Guidelines Project

*Location: 201*

TRACK: GEN

MODERATOR: Lewis M. Flint, MD, FACS, *Chicago, IL*

Practice guidelines are developed to assist clinicians in their efforts to practice evidence-based medicine. Barriers to the use of these standards include the fact that guideline documents are lengthy, detailed, and difficult to use in daily practice. This Town Hall will unveil an ACS initiative designed to provide "point of care" guidelines modules in an accessible, electronic format. The modules summarize guidelines pertinent to the

most common operations that general surgeons perform. These modules have been reviewed by experts and may be used to facilitate communication with other health care professionals, provide decision support, and for patient education.

PANELISTS:

Lewis M. Flint, MD, FACS, *Chicago, IL*  
 Sapna Dalal, *Chicago, IL*

*Sponsored by the Board of Governors*

### TH13 The Surgeon-Specific Registry and Maintenance of Certification: What Does it Mean for the Practicing Surgeon?

*Location: 206*

TRACK: EDU, HP

MODERATOR: Clifford Y. Ko, MD, FACS, *Chicago, IL*

Surgeons can use the Surgeon-Specific Registry (SSR) to target the regulatory items being used to assess individual surgeons. Two of the regulatory systems currently being addressed include, but are not limited to, American Board of Surgery's Maintenance of Certification and the Centers for Medicare and Medicaid Services' Physician Quality Reporting System. The ACS also would like to see the SSR be used for The Joint Commission's Ongoing Professional Practice Evaluation program. The registry includes the most prevalent surgeries performed. Definitions for each of the negative occurrence variables have been established but are under continual review. There are approximately 20 adult procedures and six pediatric procedures. The SSR is a subset of the Case Log. The session will conclude with a question and answer session.

PANELISTS:

Clifford Y. Ko, MD, FACS, *Chicago, IL*  
 Howard Tanzman, *Chicago, IL*  
 Bianca Reyes, *Chicago, IL*

*Sponsored by the Division of Research and Optimal Patient Care*



# Scientific Programs

## Named Lectures

### Monday, October 7

NL01 | 8:30 - 9:30 am

**Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association: Something New, Something Old, With Renewed Force: The Role of History and Innovation in Medicine**

*Location: Ballroom AB*

TRACK: URO

PRESIDING OFFICER: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon.), *Seattle, WA*

INTRODUCER: A. Brent Eastman, MD, FACS, *Chicago, IL*

LECTURER: David McCullough, *Boston, MA*

Introduction of Honorary Fellows, recipient of the Distinguished Philanthropist Award, Officers, Regents, Past-Presidents, and specially invited guests. The Martin Memorial Lecture and the American Urological Association Lecture (AUA) have been combined for presentation during the Opening Ceremony of the Clinical Congress. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College and his wife, Isabelle Hollister Martin. The Opening Ceremony/Martin Memorial Lecture is alternately nominated by the Advisory Council for Urological Surgery and the ACS Honors Committee.



David McCullough

NL02 | 9:45 - 10:45 am

**John H. Gibbon, Jr., Lecture: Extracorporeal Life Support: Gibbon Fulfilled**

*Location: 150*

TRACK: CTS

PRESIDING OFFICER AND INTRODUCER: Bryan F. Meyers, MD, MPH, FACS, *St. Louis, MO*

LECTURER: Robert H. Bartlett, MD, FACS, *Ann Arbor, MI*

Established in 1971 to honor this pioneer of open-heart surgery.

*Sponsored by the Advisory Council for Cardiothoracic Surgery*



Robert H. Bartlett

NL03 | 2:30 - 3:30 pm

**Charles G. Drake History of Surgery Lecture: Neurosurgical Contributions to Anesthesiology in the Early 20th Century**

*Location: 202*

TRACK: NEU

PRESIDING OFFICER AND INTRODUCER: Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*

LECTURER: Peter W. Carmel, MD, D. Med Sci, FACS, *Newark, NJ*

Established by the Advisory Council for Neurological Surgery in 1992 to explore the historical development of surgery and to honor this leader in neurological surgery.



Peter W. Carmel

NL04 | 4:15 - 5:00 pm

**I.S. Ravdin Lecture in the Basic and Surgical Sciences: Reflections of a Surgeon in Troubled Times**

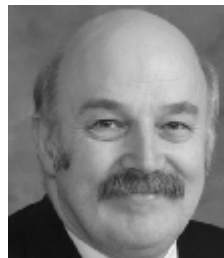
*Location: 202*

TRACK: BTR

PRESIDING OFFICER AND INTRODUCER: T. Forcht Dagi, MD, MPH, MTS, DMedSc, FAANS, FACS, FCCM, *Newton Centre, MA*

LECTURER: Roy A.J. Spence, OBE, JP, MD, LLD(Hon), FRCS(Edin, Ire), FRCS(Eng, Glas)(Hon), *Belfast, Ireland*

Sponsored by the I.S. Ravdin Surgical Society since 1964 to honor Dr. Ravdin by promoting knowledge in basic sciences with application to surgery.



Roy A.J. Spence

### Tuesday, October 8

NL05 | 8:00 - 9:00 am

**Herand Abcarian Lecture: How Health Care Reform Will Impact the Practice of Surgery**

*Location: 145*

TRACK: CRS

PRESIDING OFFICER AND INTRODUCER: Thomas E. Read, MD, FACS, *Burlington, MA*

LECTURER: Ian C. Lavery, MD, FACS, *Cleveland, OH*

Established by the Chicago Society of Colon and Rectal Surgeons in 2006 to honor this colon and rectal surgeon and to address issues of relevance to the surgical community at-large and focus on emerging issues in surgery.

*Sponsored by the Advisory Council for Colon and Rectal Surgery*



Ian C. Lavery

**NL06 | 9:45 - 10:45 am**  
**Excelsior Surgical Society/  
 Edward D. Churchill Lecture:  
 Surgery and Technology: A  
 Complicated Partnership**

*Location: 202*

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:  
 E. Christopher Ellison, MD,  
 FACS, *Columbus, OH*

LECTURER: Mark A. Talamini, MD,  
 FACS, *San Diego, CA*

This lecture is named for the Excelsior Surgical Society, a group of 80 medical officers who met for the first time in 1945 at the Excelsior Hotel, Rome, Italy. This lecture also honors Col. Edward C. Churchill, a famous surgeon and consultant to the U.S. Army in the World War II Italian Theatre, who presented the first keynote address at this meeting.

*Sponsored by the Advisory Council for General Surgery*

**NL07 | 12:45 - 1:30 pm**  
**Scudder Oration on  
 Trauma: A Century of Evolution  
 in Trauma Resuscitation**

*Location: Ballroom C*

TRACK: TRA

PRESIDING OFFICER AND INTRODUCER:  
 Michael F. Rotondo, MD, FACS,  
*Greenville, NC*

LECTURER: Ronald V. Maier, MD,  
 FACS, *Seattle, WA*

Honoring Charles Locke Scudder, a founding member of the College and a major contributor to the surgery of trauma.

*Sponsored by the Committee on Trauma*

**NL08 | 2:30 - 3:30 pm**  
**Olga M. Jonasson Lecture:  
 Conduct Unbecoming**

*Location: 150*

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:  
 Hilary A. Sanfey, MB BCh,  
 MHPE, FACS, *Springfield, IL*

LECTURER: Pauline W. Chen, MD,  
 FACS, *Boston, MA*

Established by the Women in Surgery Committee to honor the memory of Olga Jonasson, MD, FACS, who died in August 2006. This lectureship is a testimony to leadership and education in surgery and a reflection of the capacity of women to reach academic pinnacles.

*Sponsored by the Women in Surgery Committee*



**Mark A. Talamini**



**Ronald V. Maier**



**Pauline W. Chen**

Photograph: Joanne Chan

## Wednesday, October 9

**NL09 | 8:00 - 9:00 am**  
**Distinguished Lecture of  
 the International Society of  
 Surgery: Attempts to Innovate in  
 Coloproctology and Beyond**

*Location: 150*

TRACK: INT

PRESIDING OFFICER AND INTRODUCER:  
 Hilary A. Sanfey, MB BCh,  
 MHPE, FACS, *Springfield, IL*

LECTURER: Prof. Norman S.  
 Williams, *London, United Kingdom*

Established in 1990 and endowed by the U.S. Chapter of the International Society of Surgery to recognize the Society's worthwhile activities by honoring distinguished international surgeons.



**Norman S. Williams**

**NL10 | 9:45 - 10:45 am**  
**Ethics and Philosophy  
 Lecture: Sustaining Fulfillment  
 in Work and Life**

*Location: 150*

TRACK: ETH

PRESIDING OFFICER AND INTRODUCER:  
 Mark C. Weissler, MD, FACS,  
*Chapel Hill, NC*

LECTURER: Bruce L. Gewertz, MD,  
 FACS, *Los Angeles, CA*

Sponsored by the Committee on Ethics and generously supported since 1991 by John J. Conley, MD, FACS, New York, NY, to explore ethical issues in surgery. Dr. Conley died in 1999, but his legacy continues and his memory is honored at this annual lecture.



**Bruce L. Gewertz**

**NL11 | 12:45 - 1:45 pm**  
**Commission on Cancer  
 Oncology Lecture:  
 Re-engineering of Care:  
 Surgical Leadership**

*Location: 150*

TRACK: ONC

PRESIDING OFFICER AND INTRODUCER:  
 Daniel P. McKellar, MD, FACS,  
*Greenville, OH*

LECTURER: Glenn D. Steele, Jr., MD,  
 FACS, *Danville, PA*

Established in 1988 to explore major developments in oncology and to focus on the surgeon's role in caring for cancer patients.

*Sponsored by the Commission on Cancer*



**Glenn D. Steele**

# Postgraduate Courses

## Postgraduate Courses and fees

Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited, and ticket requests will be filled on a first-come, first-processed basis. All courses require a ticket for admission. Postgraduate Course tickets may also be purchased onsite, subject to availability. **No refunds for Postgraduate Courses will be accepted after September 15, 2013.** However, tickets may be exchanged for another course prior to the start of the course, and only if space is available.

## Description of fee categories

**Fellow:** A surgeon who is a Fellow of the College

**Non-Fellow:** A practicing physician who is not currently a member of the College

**RAS:** Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

**Non-RAS:** A physician-in-training or member of the surgical team who is currently in an accredited training program or working in a surgical-related setting, but has no affiliation with the College.

## ACS system for verification of knowledge and skills

The Board of Regents of the American College of Surgeons has approved the five-level model for verification and documentation of knowledge and skills of the Division of Education. The model provides a framework for designing and implementing educational courses, based on principles of contemporary surgical education and permits provision of appropriate documentation to the attendees.

The Postgraduate Didactic and Skills-Oriented Courses offered at the Clinical Congress have been assigned verification levels I–III based on requirements of each level.

		Requirement(s)
Level I	Verification of attendance	Course evaluation
Level II	Verification of satisfactory completion of course objectives	Pre- and posttest* and course evaluation
Level III	Verification of knowledge and skills	Pre- and posttest* AND skills report card; and course evaluation
Level IV	Verification of preceptorial experience	Not available at Clinical Congress
Level V	Documentation of satisfactory patient outcomes	Not available at Clinical Congress

\* Passing score of 75 percent or higher is required on the posttest.

## Postgraduate Courses: verification of completion

All Postgraduate Courses (Didactic and Skills-Oriented) with a designated verification level of II and III will have a self-assessment component toward Maintenance of Certification (MOC) Part 2. All requirements of these Postgraduate Courses (as outlined above) must be completed to receive *AMA PRA Category 1 Credits™* and hours toward self-assessment.

Verification of completion of Postgraduate Courses will be posted to ACS members' My CME Transcript, and certificates will be sent via e-mail to nonmembers 6–8 weeks following the conclusion of the Clinical Congress.

## Index to Postgraduate Courses

**Admission to any Postgraduate Course is by ticket only (see page 9). Subject to availability, tickets may be purchased on-site for selected courses at the registration area at the Walter E. Washington Convention Center.**

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## SC01 | Humanitarian Surgery: Surgical Skills Training for the International Volunteer Surgeon

TRACKS: EDU, HUM



7 credits, Verification Level III

1 session: Saturday, October 5; 8:15 am - 5:00 pm

*Location: National Capital Area Medical Simulation Center, 2460 Linden Lane, Bldg 163, Silver Spring, MD*  
Bus to depart Convention Center at 7:00 am from 9th Street north of L.

**Note: This is a secure facility. Late attendees will not be admitted. Photo ID (DL or passport, and so forth) required.**

CHAIR: Sherry M. Wren, MD, FACS, *Palo Alto, CA*

CO-CHAIR: Kathleen M. Casey, MD, FACS, *Newport, RI*

In developing countries, the volunteer surgeon must truly be a “generalist,” able to handle an array of surgical conditions. This one-day course will provide an overview of the range of conditions that one might encounter in resource-limited environments. Through a variety of techniques, including skills stations and simulation, participants will familiarize themselves with several relevant procedures, as well as the essential elements of surgical safety, quality, ethics, and cultural considerations in such settings.

### MODERATORS:

Sherry M. Wren, MD, FACS, *Palo Alto, CA*

Kathleen M. Casey, MD, FACS, *Newport, RI*

### Case Studies and Trip Planning

Sherry M. Wren, MD, FACS, *Palo Alto, CA*

### ID and Tropical Diseases Relevant to Surgeons

Bruce C. Steffes, MD, FACS, *Linden, NC*

### Anesthesia in Low-Resource Environments

Quentin A. Fisher, MD, FAAP, *Washington, DC*

### Complex Wound Management in Low-Resource Environments

Nadine B. Semer, MD, FACS, *Venice, CA*

### Treatment of Common Fracture and Dislocations in Low-Income Countries

Andrew N. Pollak, MD, FACS, *Baltimore, MD*

### Cesarean Section

James J. Peck, MD, FACS, *Portland, OR*

### Skin Grafting Techniques

Nadine B. Semer, MD, FACS, *Venice, CA*

## External Fixation and Traction Pin Placement

Andrew N. Pollak, MD, FACS, *Baltimore, MD*

Marcus F. Sciadini, MD, *Baltimore, MD*

*Sponsored by Operation Giving Back*

## SC02 | Bedside Procedures in the Surgical Intensive Care Unit (ICU): What, Why, and How

TRACK: TRA



6 credits, Verification Level I

5 sessions: Saturday, October 5; 9:00 am - 4:30 pm

*Location: 151B*

CHAIR: Glen H. Tinkoff, MD, FACS, *Newark, DE*

CO-CHAIR: Ronald F. Sing, DO, FACS, *Charlotte, NC*

With decreasing access to operating room time and the difficulties inherent in scheduling procedures for critically ill patients requiring ongoing complex treatments, bedside procedures are a safe, cost-effective alternative that can be scheduled at virtually any time without the need for a time-consuming and labor-intensive transfer with its own inherent potential for an adverse outcome. Several of the most common procedures, including percutaneous tracheostomy, ultrasound-guided vascular access, endoscopically guided feeding tubes and percutaneous gastrostomy, complex wound management, and IVC filter placement will be discussed in a series of moderated didactic lectures and panel discussions.

### Session I: Bedside Procedures

Saturday, 9:00 - 9:40 am

MODERATOR: Glen H. Tinkoff, MD, FACS, *Newark, DE*

#### Introduction

Glen H. Tinkoff, MD, FACS, *Newark, DE*

#### Preparation

Ronald F. Sing, DO, FACS, *Charlotte, NC*

#### Anesthetic Considerations

Meghan B. Lane-Fall, MD, MSHP, *Philadelphia, PA*

### Session II: Airway

Saturday, 9:40 - 11:00 am

MODERATOR: Glen H. Tinkoff, MD, FACS, *Newark, DE*

#### Endotracheal Intubation

Meghan B. Lane-Fall, MD, MSHP, *Philadelphia, PA*

#### Tracheostomy

Walter L. Biffl, MD, FACS, *Denver, CO*

#### Fiberoptic Bronchoscopy

Kevin M. Bradley, MD, FACS, *Newark, DE*

#### Panel Discussion

Glen H. Tinkoff, MD, FACS, *Newark, DE*

Ronald F. Sing, DO, FACS, *Charlotte, NC*

Meghan B. Lane-Fall, MD, MSHP, *Philadelphia, PA*

Walter L. Biffl, MD, FACS, *Denver, CO*

Kevin M. Bradley, MD, FACS, *Newark, DE*

**Session III: Vascular**

Saturday, 11:15 am - 12:35 pm

MODERATOR: Ronald F. Sing, DO, FACS, *Charlotte, NC*

## Ultrasound

Daniel J. Vargo, MD, FACS, *Salt Lake City, UT*

## Vascular Access

Heidi Lee Frankel, MD, FACS, *Los Angeles, CA*

## IVC Filter Insertion

Frederick B. Rogers, MD, FACS, *Lancaster, PA*

## Panel Discussion

Ronald F. Sing, DO, FACS, *Charlotte, NC*Daniel J. Vargo, MD, FACS, *Salt Lake City, UT*Heidi Lee Frankel, MD, FACS, *Los Angeles, CA*Frederick B. Rogers, MD, FACS, *Lancaster, PA***Session IV: Gastrointestinal**

Saturday, 1:35 - 2:55 pm

MODERATOR: Ronald F. Sing, DO, FACS, *Charlotte, NC*

## Upper and Lower Endoscopy

Frederick A. Giberson, MD, FACS, *Newark, DE*

## Enteral Access

Niels D. Martin, MD, FACS, *Philadelphia, PA*

## Laparoscopy

B. Todd Heniford, MD, FACS, *Charlotte, NC*

## Panel Discussion

Ronald F. Sing, DO, FACS, *Charlotte, NC*Frederick A. Giberson, MD, FACS, *Newark, DE*Niels D. Martin, MD, FACS, *Philadelphia, PA*B. Todd Heniford, MD, FACS, *Charlotte, NC***Session V: Wounds / Soft Tissue**

Saturday, 3:10 - 4:30 pm

MODERATOR: Glen H. Tinkoff, MD, FACS, *Newark, DE*

## Open Abdomen

Addison K. May, MD, FACS, *Nashville, TN*

## Major Procedures

Michael H. Thomason, MD, FACS, *Charlotte, NC*

## Complex Wounds

Sharon M. Henry, MD, FACS, *Baltimore, MD*

## Panel Discussion and Summation

Glen H. Tinkoff, MD, FACS, *Newark, DE*Addison K. May, MD, FACS, *Nashville, TN*Michael H. Thomason, MD, FACS, *Charlotte, NC*Sharon M. Henry, MD, FACS, *Baltimore, MD**Sponsored by the Committee on Trauma***SC03 | Ultrasound for Pediatric Surgeons**

TRACK: PED

4 credits, Verification Level III

2 sessions: Sunday, October 6; 8:00 am - 12:15 pm

*Session I Location: 208**Session II Location: Salon I*CHAIR: Stefan Scholz, MD, *Pittsburgh, PA*CO-CHAIR: Marcus Jarboe, MD, FACS, *Ann Arbor, MI*

This course is intended to provide pediatric surgeons with an introduction to ultrasound and to the basic skills needed to use ultrasound in their practice. This course includes didactic sessions on the physics of ultrasound instrumentation and scanning techniques, and clinical applications in the neonatal and pediatric patient. The hands-on stations will provide practice in focused assessment with sonography in trauma (FAST) exams, as well as interventional procedures; including ultrasound guidance with human and Blue Phantom models. Completion of a pre- and posttest is required for Verification Level II courses. Themes covered will be: ultrasound basics for the pediatric and neonatal patient; trauma FAST; insertion of central venous catheters; soft-tissue abscess; diagnosis and treatment of fluid collections (abdominal abscess, pleural effusion); acute appendicitis; hypertrophic pyloric stenosis (HPS); intussusception intestinal malrotation; testicular torsion; intraoperative ultrasound of the liver; imperforate anus, and other pediatric applications.

**PREREQUISITE:** Registrants must have completed the CD-ROM course, *Ultrasound for the Surgeons: The Basic Course, first or second edition*. The CD-ROM may be ordered online at <http://www.facs.org/education/ultrasound/course.html>.

**Session I (Didactic)**

Sunday, 8:00 - 10:00 am

MODERATORS: Stefan Scholz, MD, FACS, *Pittsburgh, PA*Marcus Jarboe, MD, FACS, *Ann Arbor, MI*

## Introduction

Stefan Scholz, MD, FACS, *Pittsburgh, PA*

## Basic Ultrasound Physics, Knobology, and Scanning Techniques

Stefan Scholz, MD, FACS, *Pittsburgh, PA*

## Ultrasound for the Pediatric Trauma Patient / Focused Assessment with Sonography in Trauma (FAST)

Alexander Dzakovic, MD, *Chicago, IL*

## Ultrasound of Abdominal Organs (Liver, Kidneys, Gallbladder, Bowel, Bladder, Vessels, and Ovaries)

Oliver Muensterer, MD, PhD, *Valhalla, NY*

## Ultrasound-Guided Insertion of Peripheral and Central Venous and Arterial Catheters

Marcus Jarboe, MD, FACS, *Ann Arbor, MI*

## Interventional Ultrasound Techniques (Subcutaneous or Abdominal Fluid Collections, Thoracentesis, Paracentesis, FNA of Thyroid or Breast Nodule, True Cut Biopsy of Liver Nodule)

Ranjith Vellody, MD, *Ann Arbor, MI*

## Pediatric and Neonatal Ultrasound Applications (Abscess, Hypertrophic Pyloric Stenosis, Acute Appendicitis, Intussusception, Inguinal Hernia/Hydrocele, Liver and Gallbladder, Imperforate Anus, Kidney)

Stefan Scholz, MD, FACS, *Pittsburgh, PA*

**Session II (Hands-On Skills)**

Sunday, 10:15 am - 12:15 pm

MODERATORS: Stefan Scholz, MD, FACS, *Pittsburgh, PA*  
 Marcus Jarboe, MD, FACS, *Ann Arbor, MI*

The hands-on stations will provide practice in abdominal and thoracic scanning on human models; including the focused assessment with sonography in trauma (FAST) exam, as well as interventional procedures under ultrasound guidance on Blue Phantom models.

Hands-On Skills Instructors:

Alexander Dzakovic, MD, *Chicago, IL*  
 Samir Gadepalli, MD, *Ann Arbor, MI*  
 Oliver Muensterer, MD, PhD, *Valhalla, NY*  
 Ranjith Vellody, MD, *Ann Arbor, MI*

*Sponsored by the Advisory Council for Pediatric Surgery*

## SC04 | Flexible Endoscopy for General Surgeons

TRACK: GEN



SC04A, Lecture Only: 4 credits, Verification Level III  
 1 session, Sunday, October 6 · 8:00 am - 12:15 pm  
*Location: 103*

SC04B, Lecture and Hands-On Workshop: 8 credits, Verification Level III  
 2 sessions, Sunday, October 6; 8:00 am - 5:30 pm  
*Location: Lecture, 103; Workshop, Salon GH*

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*  
 CO-CHAIR: John D. Mellinger, MD, FACS, *Springfield, IL*

This four-hour didactic program followed by a four-hour hands-on session will provide education and experience with multiple basic and advanced endoscopic techniques in porcine explant models and endoscopic simulators. The didactic session will include indications, contraindications, complications, and practical techniques for these basic and advanced endoscopic procedures. The hands-on portion will allow participants to practice these techniques. The course is geared toward those physicians who already have a basic skill set in flexible endoscopy. Completion of a pre- and posttest and a skills course report card are required for Verification Level III courses.

**Session I**

Sunday, 8:00 am - 12:15 pm

MODERATORS:

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*  
 John D. Mellinger, MD, FACS, *Springfield, IL*

Why Should I Perform Flexible Endoscopy?  
 Thadeus L. Trus, MD, *Lebanon, NH*

Patient Preparation and Sedation  
 John D. Mellinger, MD, FACS, *Springfield, IL*

EGD

Jose M. Martinez, MD, FACS, *Miami, FL*

Colonoscopy

Benjamin K. Poulouse, MD, *Nashville, TN*

Understanding Energy Sources

Brian J. Dunkin, MD, FACS, *Houston, TX*

Enteral Access (PEG, PEJ, Nasojejunal, TPEG)

Bipan Chand, MD, FACS, *Cleveland, OH*

Polypectomy

Michael F. McGee, MD, *Chicago, IL*

Intraoperative Endoscopy

Robert D. Fanelli, MD, FACS, FASGE, *Pittsfield, MA*

Dilation (Balloon and Bougie)

Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Stents

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

A Glimpse of the Future of Flexible Endoscopy for Surgeons

Lee L. Swanstrom, MD, FACS, *Portland, OR*

**Session II: Hands-On Skills Workshop**

Sunday, 1:15 - 5:30 pm

MODERATORS:

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*  
 John D. Mellinger, MD, FACS, *Springfield, IL*

Hands-On Skills Station Instructors:

Diya Ihsan Alaedeen, MD, FACS, *Cleveland, OH*  
 Robert Joshua Bowles, MD, *Miami, FL*  
 Bipan Chand, MD, FACS, *Cleveland, OH*  
 Brian J. Dunkin, MD, FACS, *Houston, TX*  
 Robert D. Fanelli, MD, FACS, FASGE, *Pittsfield, MA*  
 Jeffrey W. Hazey, MD, FACS, *Columbus, OH*  
 Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*  
 Jose M. Martinez, MD, FACS, *Miami, FL*  
 Michael F. McGee, MD, *Chicago, IL*  
 Eric M. Pauli, MD, *Cleveland, WY*  
 Jonathan Patrick Pearl, MD, FACS, *Baltimore, MD*  
 Melissa S. Phillips, MD, *Knoxville, TN*  
 Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*  
 Charles Youngho Ro, MD, FACS, *Joplin, MO*  
 Steve Schomisch, PhD, *Cleveland, OH*  
 Steven D. Schwaitzberg, MD, FACS, *Cambridge, MA*  
 Lee L. Swanstrom, MD, FACS, *Portland, OR*  
 Thadeus L. Trus, MD, *Lebanon, NH*  
 Melina C. Vassiliou, MD, M.Ed, FACS, *Montreal, Quebec Canada*  
 Vic Velanovich, MD, FACS, *Tampa, FL*

*Sponsored by the Committee on Emerging Surgical Technology and Education*

## SC05 | Surgical Education: Principles and Practice

TRACK: EDU

6 credits, Verification Level I

2 sessions: Sunday, October 6; 9:30 am - 5:00 pm

*Location: 140*

CHAIR: Anne T. Mancino, MD, FACS, *Little Rock, AR*

CO-CHAIR: Guy F. Brisseau, MD, FACS, *Halifax, NS*

The objective of this course is to enhance the teaching skills of surgeons active in student and resident education. The principles of adult learning, mentoring, needs assessment, questioning skills, conference management, feedback, and performance evaluation will be reviewed. In addition, participants will develop a thorough generational understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small-group discussion.

### Session I

Sunday, 9:30 am - 1:00 pm

#### MODERATORS:

Anne T. Mancino, MD, FACS, *Little Rock, AR*  
Guy F. Brisseau, MD, MEd., FACS, FAAP, FRCS(C),  
*Halifax, NS*

#### Introduction

Anne T. Mancino, MD, FACS, *Little Rock, AR*

#### Adult Learning

Mary E. Maniscalco-Theberge, MD, FACS,  
*Washington, DC*

#### Questioning Skills: Learning What They Know

Anne T. Mancino, MD, FACS, *Little Rock, AR*

#### Teaching Technical Skills: From Simulators to the OR

Michael R. Marohn, DO, FACS, *Baltimore, MD*

### Session II

Sunday, 2:00 - 5:00 pm

#### MODERATORS:

Anne T. Mancino, MD, FACS, *Little Rock, AR*  
Guy F. Brisseau, MD, MEd., FACS, FAAP, FRCS(C),  
*Halifax, NS*

#### Introduction and Skit

Guy F. Brisseau, MD, MEd., FACS, FAAP, FRCS(C),  
*Halifax, NS*

#### Skit

Guy F. Brisseau, MD, MEd., FACS, FAAP, FRCS(C),  
*Halifax, NS*  
Anne T. Mancino, MD, FACS, *Little Rock, AR*  
John S. Bruun, MD, FACS, *Dayton, OH*  
Dwight C. Kellicut, MD, FACS, *Honolulu, HI*  
Mary E. Maniscalco-Theberge, MD, FACS,  
*Washington, DC*  
Michael R. Marohn, DO, FACS, *Baltimore, MD*  
Philip G. Thomas, MB, BS, FACS, *Galveston, TX*  
Jason M. Wallen, MDCM, FCCP, FACS, *Loma Linda, CA*

#### Capitalizing on Clinical Conferences

Philip G. Thomas, MB, BS, FACS, *Galveston, TX*

#### Feedback and Evaluation

Guy F. Brisseau, MD, MEd., FACS, FAAP, FRCS(C),  
*Halifax, NS*

#### Summary

Guy F. Brisseau, MD, MEd., FACS, FAAP, FRCS(C),  
*Halifax, NS*

*Sponsored by the Division of Education*

## SC06 | Focused Assessment with Sonography in Trauma (FAST) Ultrasound

TRACK: TRA



4 credits, Verification Level III

2 sessions; Sunday, October 6; 1:00 - 5:15 pm

*Session I Location: 208*

*Session II Location: Salon I*

CHAIR: William R. Fry, MD, FACS, *Pittsburgh, PA*

CO-CHAIR: R. Stephen Smith, MD, FACS, *Columbia, SC*

This half-day course will orient the provider to the indications for and limitations of focused assessment with sonography in trauma (FAST). Through lectures, case presentation, and hands-on training, participants will learn how and when to perform a FAST and thoracic ultrasound.

**PREREQUISITE:** Registrants must have completed the CD-ROM course, *Ultrasound for the Surgeons: The Basic Course, first or second edition*. This CD-ROM may be ordered online or by phone. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

### Session I (Didactic)

Sunday, 1:00 - 2:45 pm

#### MODERATORS:

William R. Fry, MD, FACS, *Columbia, SC*  
R. Stephen Smith, MD, FACS, *Columbia, SC*

#### Introduction

William R. Fry, MD, FACS, *Columbia, SC*

#### Knobology

Brian L. Brewer, MD, *Baltimore, MD*

#### Focused Assessment with Sonography in Trauma (FAST) Exam

Stephenny D. Berry, MD, *Kansas City, KS*

#### Pitfalls and Limitations

Laura S. Johnson, MD, *Washington, DC*

#### Cases

Robert T. Stovall, MD, *Denver, CO*

### Session II (Hands-On Skills)

Sunday, 2:45 - 5:15 pm

#### MODERATORS:

William R. Fry, MD, FACS, *Columbia, SC*  
R. Stephen Smith, MD, FACS, *Columbia, SC*

#### Hands-On Skills Station Instructors:

Stephenny D. Berry, MD, *Kansas City, KS*  
Brian L. Brewer, MD, *Baltimore, MD*  
Laura S. Johnson, MD, *Washington, DC*  
Robert T. Stovall, MD, *Denver, CO*

*Sponsored by the Natural Ultrasound Faculty*



## SC07 | Thyroid and Parathyroid Ultrasound

TRACKS: GEN, OTO

7 credits, Verification Level III

2 Sessions; Monday, October 7; 9:45 am - 5:45 pm

*Session I Location: 208*

*Session II Location: Salon I*

CHAIR: Robert A. Sofferman, MD, FACS, *Burlington, VT*

CO-CHAIR: Lisa A. Orloff, MD, FACS, *San Francisco, CA*

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid and parathyroid glands and related pathology. The distinction of normal from malignant lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical zones I-VI. The process of ultrasound-guided FNA of thyroid nodules and enlarged lymph nodes are demonstrated in didactic lecture format. In addition, skills sessions allow the surgeon to learn varied techniques of FNA of lesions in Blue Phantom models. Patient volunteers with thyroid and parathyroid pathology and lymphadenopathy will allow supervised hands-on experience with transverse and longitudinal ultrasound methods. Attendees will be instructed in the practical details and hurdles in developing office-based ultrasound practices.

**PREREQUISITE:** Registrants must have completed the CD-ROM course, *Ultrasound for the Surgeons: The Basic Course, first or second edition*. This CD-ROM may be ordered online or by phone. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

### Session I (Didactic)

Monday, 9:45 am - 1:30 pm

MODERATORS:

Robert A. Sofferman, MD, FACS, *Burlington, VT*

Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Physics and Principals of Ultrasound

Robert A. Sofferman, MD, FACS, *Burlington, VT*

Ultrasound Anatomy

Russell B. Smith, MD, FACS, *Omaha, NE*

Interventional Ultrasound

Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Interpretation of Ultrasound

Robert A. Sofferman, MD, FACS, *Burlington, VT*

Ultrasound of Zone 5

Kresimira M. Milas, MD, FACS, *Cleveland, OH*

Getting Started in Office Ultrasound

Merry E. Sebelik, MD, FACS, *Memphis, TN*

### Session II (Hands-On Skills)

Monday, 2:00 - 5:45 pm

MODERATORS:

Robert A. Sofferman, MD, FACS, *Burlington, VT*

Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Hands-On Skills Station Instructors:

Kresimira M. Milas, MD, FACS, *Portland, OR*

Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

Jamie C. Mitchell, MD, FACS, *Cleveland, OH*

Merry E. Sebelik, MD, FACS, *Memphis, TN*

Russell B. Smith, MD, FACS, *Omaha, NE*

*Sponsored by the National Ultrasound Faculty*

## SC08 | Intraoperative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair

TRACKS: EDU, GEN

SC08A, Lecture only: 3.5 credits, Verification Level I

1 session: Monday, October 7; 9:45 am - 1:30 pm

SC08B, Lecture and Hands-On Workshop: 7 credits, Verification Level III

2 sessions: Monday, October 7; 9:45 am - 5:45 pm

CHAIR: Carla M. Pugh, MD, FACS, *Madison, WI*

CO-CHAIR: Aurora Pryor, MD, FACS, *Durham, NC*

CO-CHAIR: Michael J. Rosen, MD, FACS, *Solon, OH*

The learning curve for laparoscopic hernia repair has been estimated to be more than 50 cases despite participation in formal training courses. Prior work assessing skills learned during animal and simulation-based training courses reveal incomplete transfer to live operating room environments. Cognitive and decision-based training have been shown to decrease intraoperative errors and may increase skills transfer to live operating room environments. This hands-on course will introduce newly developed simulation-based learning technologies that focus on intraoperative decision making. Each participant will have a chance to perform laparoscopic hernia repairs (inguinal and ventral) using cognitive, decision-based simulations. Training and feedback will combine technical and decision-making skills.

### Session I (Didactic)

Sunday, 9:45 am - 1:30 pm

*Location: 103*

MODERATORS:

Carla M. Pugh, MD, PhD, FACS, *Chicago, IL*

Aurora D. Pryor, MD, FACS, *Durham, NC*

Michael J. Rosen, MD, FACS, *Solon, OH*

Introduction

Carla M. Pugh, MD, PhD, FACS, *Chicago, IL*

Fundamental Principles of Laparoscopic Incisional Hernia Repair

Adrian E. Park, MD, FACS, FRCSC, FCS (ECSA),  
*Halifax, NS*

Laparoscopic Component Separation Repair

Michael J. Rosen, MD, FACS, *Solon, OH*

Evidence to Support Laparoscopic Incisional Hernia Repair

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*



Laparoscopic TAPP Repair Why I Do It and How  
Gina L. Adrales, MD, FACS, *Lebanon, NH*

Laparoscopic TEP Repair: Why I Do It and How  
Melina C. Vassiliou, MD, MEd, *Montreal, QC*

Laparoscopic Inguinal Hernia Repair—What Are the Data?

Aurora D. Pryor, MD, FACS, *Durham, NC*

Recurrence After Posterior Mesh Repair  
Patricia L. Turner, MD, FACS, *Chicago, IL*

Hernias in Difficult Positions: Challenges and Solutions  
Dimitrios Stefanidis, MD, PhD, FACS, FASMBS, *Charlotte, NC*

Managing Intraoperative Problems  
Archana Ramaswamy, MD, FACS, *Columbia, MO*

Question-and-Answer Session

Break (11:15 - 11:30 am)

Laparoscopic Repair for Recurrence After Previous Open Plug Repair

Michael J. Rosen, MD, FACS, *Solon, OH*

Laparoscopic Repair of Recurrences After Previous TEP Repair

Jacob A. Greenberg, MD, EdM, *Madison, WI*

Managing Intraoperative Problems

William W. Hope, MD, FACS, *New Haven, CT*

## Session II (Hands-On Skills)

Monday, 2:00 - 5:45 pm

Location: *Salon GH*

### MODERATORS:

Carla M. Pugh, MD, PhD, FACS, *Chicago, IL*

Aurora D. Pryor, MD, FACS, *Durham, NC*

Michael J. Rosen, MD, FACS, *Solon, OH*

Hands-On Skills Station Instructors:

Andrew J. Duffy, MD, FACS, *New Haven, CT*

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

David Bryan Earle, MD, FACS, *Springfield, MA*

Robert J. Fitzgibbons, MD, FACS, *Omaha, NE*

Jacob A. Greenberg, MD, EdM, *Madison, WI*

William W. Hope, MD, FACS, *New Haven, CT*

Dennis R. Klassen, MD, *Halifax, NS, Canada*

Karl A. Leblanc, MD, *Baton Rouge, LA*

Brent D. Matthews, MD, FACS, *St. Louis, MO*

Yuri W. Novitsky, MD, *Cleveland, OH*

D. Wayne Overby, MD, FACS, *Chapel Hill, NC*

Eric M. Pauli, MD, *Cleveland, OH*

Melissa S. Phillips, MD, *Knoxville, TN*

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Archana Ramaswamy, MD, FACS, *Columbia, MO*

Bruce H. Ramshaw, MD, *Ormond Beach, FL*

Mark A. Reiner, MD, FACS, *New York, NY*

Sergio Roll, MD, *Sao Paulo, Brazil*

John S. Roth, MD, FACS, *Lexington, KY*

Dimitrios Stefanidis, MD, PhD, FACS, FASMBS, *Charlotte, NC*

Ashley H. Vernon, MD, FACS, *Boston, MA*

Jin S. Yoo, MD, FACS, *Raleigh, NC*

*Sponsored by the Committee on Emerging Surgical Technology*

## SC09 | Advanced Colonoscopy Skills Course: Polypectomy and Beyond

SA

TRACKS: CRS, GEN

4 credits, Verification Level III

2 Sessions: Monday, October 6; 1:00 - 5:15 pm

Session 1 Location: *209B*

Session 2 Location: *Salon GH*

CHAIR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

CO-CHAIR: Todd D. Francone, MD, FACS, *Pittsford, NY*

This skills course is open to surgeons with basic colonoscopy skills who wish to learn saline lift polypectomy, deployment of clips to close defects, tattoo marking, endoscopic submucosal dissection, and stenting of obstructing lesions. The course will include a one-hour didactic session and three hours of hands-on laboratory work. Registrants will be asked to complete a short survey to assess their skills and interests.

### Session I

Monday, 1:00 - 2:00 pm

#### MODERATORS:

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Todd D. Francone, MD, FACS, *Pittsford, NY*

#### Introduction

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

#### Laparoscopic and Endoscopic Removal of Polyps

Toyooki Sonoda, MD, FACS, *New York, NY*

#### Endoscopic Submucosal Dissection

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

#### Large Flat Polyps—Other Options

Richard L. Whelan, MD, FACS, *New York, NY*

#### Stenting of Colorectal Strictures

Maher A. Abbas, MD, FACS, FASCRS, *Los Angeles, CA*

#### Endoscopic Management of Anastomotic Leak

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

### Session II

Monday, 2:15 - 5:15 pm

#### MODERATORS:

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Todd D. Francone, MD, FACS, *Pittsford, NY*

#### Hands-On Skills Station Instructors:

Maher A. Abbas, MD, FACS, FASCRS, *Los Angeles, CA*

I. Emre Gorgun, MD, *Cleveland, OH*

Sang W. Lee, MD, FACS, *New York, NY*

David A. Margolin, MD, FACS, FASCRS,

*Burlington, MA*

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Marc A. Singer, MD, FACS, *Highland Park, IL*

George V. Virgilio, MD, FACS, *Indianapolis, IN*

Richard L. Whelan, MD, FACS, *New York, NY*

Charles B. Whitlow, MD, FACS, *New Orleans, LA*

Steve Schomisch, PhD, *Cleveland, OH*  
David M. Zebley, MD, FACS, *Abington, PA*

*Sponsored by the Advisory Council for Colon and Rectal Surgery*

## SC10 | Measure Twice, Cut Once! Optimizing Surgical Systems of Care

TRACKS: EDU, INFO



7 credits, Verification Level II  
6 sessions: Tuesday, October 8; 8:00 am - 4:30 pm  
*Location: 146B*

CHAIR: Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*  
CO-CHAIR: Edward H. Livingston, MD, FACS, *Chicago, IL*

Surgeons are in a unique position to maximize surgical care by applying principles of health systems engineering in their practices. Learn the critical differences between health systems engineering (HSE) and the traditional approaches to quality improvement. Simple HSE strategies may be used to identify potential problems, measure them in a feasible way, interpret results, propose solutions, and make adjustments as needed. Microsoft Excel can provide all the necessary tools, and a few very powerful techniques will be taught to help clinicians understand, analyze, and improve their systems of care and to measure outcomes important to them. This course will teach the fundamental principles and skills of HSE to help surgeons lead the way in making important changes to practice and collaborating better with the other members of the performance improvement team. (Participants will need to bring a laptop computer with Excel 2007 or a later version. Lunch will be provided.)

### Session I: Introduction to Health Systems Engineering

Tuesday, 8:00 - 9:00 am

MODERATOR:

Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Introduction to HSE

Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

### Session II: Advanced Excel Skills (Hands-On)

Tuesday, 9:00 - 9:30 am

MODERATOR:

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Setting up the Worksheet

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Manipulating the Data

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Analyzing and Visualizing Information

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

### Session III: Applied Hands-On Use

Tuesday, 9:45 - 10:45 am

MODERATOR: Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Applied Hands-on Use of Spreadsheet Functions

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

### Session IV: Failure Mode Effects Analysis (FMEA)

Tuesday, 10:45 am - 1:30 pm

MODERATOR:

Harry C. Sax, MD, MHCM, FACS, *Los Angeles, CA*

FMEA in Clinical Medicine

Harry C. Sax, MD, MHCM, FACS, *Los Angeles, CA*

Interpreting FMEA in Surgery (Hands-On)

Harry C. Sax, MD, MHCM, FACS, *Los Angeles, CA*

### Session V: Process Control Charts

Tuesday, 1:30 - 3:30 pm

MODERATOR: Paul M. Maggio, MD, FACS, *Stanford, CA*

Using Process-Control Methods in Surgery

Paul M. Maggio, MD, FACS, *Stanford, CA*

Interpreting Process-Control Charts in Surgery (Hands-On)

Paul M. Maggio, MD, FACS, *Stanford, CA*

### Session VI: Summary

Tuesday, 3:30 - 4:30 pm

MODERATOR: Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Group Presentation and Summary

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

*Sponsored by the Division of Education*

## SC11 | Minimally Invasive Colorectal Surgery Skills Course

TRACKS: GEN, CRS



SC011A, Lecture Only, 4 credits, Verification Level II  
1 Session; Tuesday, October 8; 8:00 am - 12:15 pm  
*Location: 103*

SC011B, Lecture and Hands-On Workshop, 8 credits,  
Verification Level  
LAB ONLY CANCELED

CHAIR: Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*

CO-CHAIR: Bradley R. Davis, MD, FACS, FASCRS,  
*Cincinnati, OH*

For practicing surgeons, the adoption of minimally invasive colorectal surgery techniques provides challenges with respect to the acquisition of skills and a steep learning curve. This course provides a didactic session and hands-on cadaver lab for exposure to the skills needed to perform laparoscopic colorectal surgery, including technical skills, indications, complications and special considerations. In addition, surgeons will develop skills necessary to perform pro-

cedures using laparoscopic instruments and single-port access devices.

### Session I (Didactic)

Tuesday, 8:00 am - 12:15 pm

#### MODERATORS:

Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*  
Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

#### Introduction

Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*

#### Setup and Instrumentation

David J. Maron, MD, FACS, *Weston, FL*

#### Completely Laparoscopic Right Colon Resection

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

#### Hand-Assisted Laparoscopic Right Colon Resection

Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

#### Transverse Colectomy and the Middle Colic Artery

David E. Rivadeneira, MD, FACS, FASCRS, *Smithtown, NY*

#### Completely Laparoscopic Left Colon Resection

Sang W. Lee, MD, FACS, *New York, NY*

#### Hand-Assisted Left Sigmoid Colectomy

Jeffrey L. Cohen, MD, FACS, *Hartford, CT*

#### Flexure Mobilization

Alan J. Herline, MD, FACS, *Nashville, TN*

#### Laparoscopic Proctectomy

Martin R. Weiser, MD, FACS, *New York, NY*

#### How to Prevent and Manage Complications

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

#### Transanal Minimally Invasive Surgery

Matthew R. Albert, MD, FACS, FASCRS, *Altamonte Springs, FL*

#### Transvaginal and Transanal Extraction,

#### Intracorporeal Anastomosis

Morris E. Franklin, MD, FACS, *San Antonio, TX*

#### Combined Endoscopic and Laparoscopic Polypectomy

Kelly A. Garrett MD, FACS, *New York, NY*

#### Robotic Proctectomy

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

### Session II (Hands-On Skills)

12:15 - 1:30 pm, Transit to GWU and lunch

Tuesday, 1:30 - 5:45 pm

#### MODERATORS:

Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*  
Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

#### Hands-On Skills Station Instructors:

Joshua I. Bleier, MD, FACS, *Philadelphia, PA*  
Daniel L. Feingold, MD, FACS, *New York, NY*  
Kelly A. Garrett, MD, FACS, *New York, NY*  
Virgilio V. George, MD, FACS, *Indianapolis, IN*  
Amit Khanna, MD, *Paramus, NJ*  
Steven Albert Lee-Kong, MD, *New York, NY*  
David J. Maron, MD, FACS, *Weston, FL*  
John Migaly, MD, FACS, FASCRS, *Durham, NC*

Ian M Paquette, MD, *Cincinnati, OH*

David E. Stein, MD, FACS, FASCRS, *Philadelphia, PA*

*Sponsored by the Advisory Council for Colon and Rectal Surgery and the Committee on Emerging Surgical Technology and Education*

## SC12 | Practical Applications of Ultrasound in the Intensive Care Unit (ICU): ECHO and Thoracic

TRACK: GEN

SA

8 credits, Verification Level III

1 Session; Tuesday, October 8; 8:00 am - 5:30 pm

*Location: Salon I*

CHAIR: Amy C. Sisley, MD, FACS, MPH, *Detroit, MI*

CO-CHAIR: Paula A. Ferrada, MD, *Richmond, VA*

This course focuses on the ICU patient population, emphasizing relevant ultrasound skills for the surgical intensivist. Recently, bedside echocardiography has emerged as a valuable tool in the assessment of critically ill patients. Included in this module is an introduction to the use of a limited echocardiogram assessing cardiac function and volume status. Evaluation of the thoracic cavity for the presence of fluid (hemothorax or pleural effusion) is included. The didactic sessions will review indications for bedside ECHO and thoracic imaging. Case studies will illustrate the application of ECHO in the management of critically ill patients. This course will provide hands-on experience in a small-group format with experienced instructors. Hands-on sessions will be integrated with didactic sessions to maximize practical experience for participants.

**PREREQUISITE:** Registrants must have completed the CD-ROM course, *Ultrasound for the Surgeons: The Basic Course, First or Second edition*. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

Tuesday, 8:30 am - 5:30 pm

#### MODERATORS:

Amy C. Sisley, MD, MPH, FACS, *Detroit, MI*  
Paula A. Ferrada, MD, *Richmond, VA*

#### Didactic and Hands-On Faculty

Michel B. Aboutanos, MD, MPH, FACS, *Richmond, VA*  
Victor Coba, MD, *Detroit, MI*  
Heidi Lee Frankel, MD, FACS, *Baltimore, MD*  
Shea C. Gregg, MD, FACS, *Providence, RI*  
Oliver L. Gunter, MD, FACS, *Nashville, TN*  
Keith Killu, MD, FACP, RDCS, *Detroit, MI*  
Matthew E. Lissauer, MD, FACS, *Baltimore, MD*  
Sarah B. Murthi, MD, FACS, *Baltimore, MD*  
Terence O'Keeffe, MB ChB, MSPH, FACS, *Tucson, AZ*

*Sponsored by the National Ultrasound Faculty*

## SC13 | Emergency Airways

TRACKS: GEN, OTO



6 Credits, Verification Level II  
2 Sessions; Tuesday, October 8; 9:00 am - 4:30 pm

*Session I Location: 208*

*Session II Location: Salon GH*

CHAIR: Elliott R. Haut, MD, FACS, *Baltimore, MD*

CO-CHAIR: Nasir I. Bhatti, MB,BS, FACS, *Baltimore, MD*

This course will provide a comprehensive overview of the management of emergency airway situations. It will provide the participants with a roadmap for dealing with emergency airway scenarios in real-life, along with the opportunity to improve their knowledge, skills, and attitude related to such situations.

### Session I (Didactic)

Tuesday, October 8, 9:00 am - 12:30 pm

MODERATORS:

Elliott R. Haut, MD, FACS, *Baltimore, MD*

Nasir I. Bhatti, MB, BS, FACS, *Baltimore, MD*

Introduction

Elliott R. Haut, MD, FACS, *Baltimore, MD*

Basic Airway Assessment

Lauren C. Berkow, MD, *Baltimore, MD*

Airway Management Techniques

Lauren C. Berkow, MD, *Baltimore, MD*

Teamwork in Emergency Airway Management

Nasir I. Bhatti, MB,BS, FACS, *Baltimore, MD*

Trauma Emergency Airway

Elliott R. Haut, MD, FACS, *Baltimore, MD*

Pediatric Emergency Airway

Nicholas M. Dalesio, MD, *Baltimore, MD*

### Session II (Hands-On Skills)

Tuesday, October 8, 1:30 - 4:30 pm

MODERATORS: Elliott R. Haut, MD, FACS, *Baltimore, MD*

Nasir I. Bhatti, MB, BS, FACS, *Baltimore, MD*

Hands-On Skills Instructors

Lauren C. Berkow, MD, *Baltimore, MD*

Simon R. Best, MD, *Baltimore, MD*

Albert Chi, MD, *Baltimore, MD*

Nicholas M. Dalesio, MD, *Baltimore, MD*

Jeffrey M. Dodd-o, MD, *Baltimore, MD*

Luis J. Garcia, *Iowa City, IA*

Alexander T. Hillel, MD, *Baltimore, MD*

Julianna J. Jung, MD, *Baltimore, MD*

Alicia N. Kieninger, MD, FACS, *Pontiac, MI*

Christina Miller, MD, *Baltimore, MD*

Amy Page Rushing, MD, *York, PA*

Mustapha Saheed, MD, *Baltimore, MD*

Adam Schiavi, MD, *Baltimore, MD*

*Sponsored by the Advisory Council for Otolaryngology-Head and Neck Surgery*

## SC14 | Advanced Skills Training for the Rural Surgeon: Laparoscopic Common Bile Duct Exploration and Anesthesia in Rural Practice

TRACKS: GEN, RUS



8 Credits, Verification Level III

2 Sessions; Wednesday, October 9; 8:15 am - 5:45 pm

*Location: SiTEL MedStar, 3007 Tilden Street NW, Ste 3L, Washington, DC*

Bus to depart Convention Center at 7:00 am from 9th Street north of L.

CHAIR: Amy L. Halverson, MD, FACS, *Chicago, IL*

CO-CHAIR: David D. Borgstrom, MD, FACS, *Cooperstown, NY*

CO-CHAIR: Julie A. Conyers, MD, FACS, *Truckee, CA*

This course is designed to address the scope of practice unique to the rural surgeon. It will cover the basic principles of management of choledocholithiasis and provide participants with hands-on mentored practice in the technique of common bile duct exploration. The anesthesia skills portion of the course will cover management of difficult airways, best practices in conscious sedation, and regional anesthetic techniques.

### Session I

Wednesday, 8:15 am - 12:15 pm

MODERATORS:

Amy L. Halverson, MD, FACS, *Chicago, IL*

David D. Borgstrom, MD, FACS, *Cooperstown, NY*

Julie A. Conyers, MD, FACS, *Truckee, CA*

Welcome and Introduction

Amy L. Halverson, MD, FACS, *Chicago, IL*

Laparoscopic Common Bile Duct Exploration

Eric Hungness, MD, FACS, *Chicago, IL*

Laparoscopic Common Bile Duct Exploration Hands-On Session

Khashayar Vaziri, MD, *Washington, DC*

Byron F. Santos, MD, *Chicago, IL*

Ezra N. Teitelbaum, MD, FACS, *Chicago, IL*

### Session II

Wednesday, 1:15 - 5:45 pm

MODERATORS:

Amy L. Halverson, MD, FACS, *Chicago, IL*

David D. Borgstrom, MD, FACS, *Cooperstown, NY*

Julie Conyers, MD, FACS, *Keokuk, IA*

Overview Anesthesia

Lynn Reede, CRNA, *Park Ridge, IL*

Airway Management

Kenneth P. Rothfield, MD, *Baltimore, MD*

Simulation Hands-On Session

Ann M. Willemsen-Dunlap, *Peoria, IL*

*Sponsored by the Advisory Council for Rural Surgery*

## SC15 | Basic Breast Ultrasound

TRACKS: GEN



7 Credits, Verification Level III

2 Sessions; Wednesday, October 8; 8:30 am - 5:00 pm

*Session I Location: 208**Session II Location: Salon I*CHAIR: Darius S. Francescatti, MD, FACS, *Chicago, IL*CO-CHAIR: Edward Donahue, MD, FACS, *Phoenix, AZ*

The objective of this course is to introduce the practicing general surgeon to a focused module in diagnostic and interventional breast ultrasound. The program will consist of lectures and hands-on skill stations using a variety of ultrasound equipment. Live models and Blue Phantom breast models will be used to develop skills in breast ultrasound imaging and ultrasound-guided breast biopsy.

**PREREQUISITE:** Registrants must have completed the CD-ROM course, *Ultrasound for the Surgeons: The Basic Course, First or Second edition*. Please visit <http://www.facs.org/education/ultrasound/course.html> for details.

### Session I (Didactic)

Wednesday, 8:30 am - 12:15 pm

MODERATORS:

Darius S. Francescatti, MD, FACS, *Chicago, IL*Edward J. Donahue, MD, FACS, *Phoenix, AZ*

Physics of Breast Ultrasound

Darius S. Francescatti, MD, FACS, *Chicago, IL*

Normal Breast Ultrasound Anatomy

David C. Weintritt, MD, FACS, *Lorton, VA*

Abnormal Breast Ultrasound Findings

Edward J. Donahue, MD, FACS, *Phoenix, AZ*

Interventional Breast Ultrasound Techniques

Regina M. Hampton, MD, FACS, *Lanham, MD*

### Session II (Hands-On Skills)

Wednesday, 1:15 - 5:00 pm

MODERATORS:

Darius S. Francescatti, MD, FACS, *Chicago, IL*Edward J. Donahue, MD, FACS, *Phoenix, AZ*

Hands-On Skills Station Instructors:

David C. Weintritt, MD, FACS, *Lorton, VA*Regina M. Hampton, MD, FACS, *Lanham, MD**Sponsored by the National Ultrasound Faculty*

## PG16 | Endocrine Surgery Review Course

TRACK: GEN

12 credits, Verification Level II

Part I: 4 sessions; Saturday, October 5; 8:30 am - 4:00 pm



Part II: 4 sessions; Sunday, October 6; 8:30 am - 4:00 pm

*Location: 146A*CHAIR: James A. Lee, MD, FACS, *New York, NY*CO-CHAIR: Janice L. Pasieka, MD, FACS, *Calgary, AB*

This two-day course will review and update the work-up and management of common surgical problems of the endocrine glands. Topics will include work-up and management of thyroid nodules (including FNA, US, and molecular diagnosis), thyroid cancer (including node dissection and kinase inhibitors), primary hyperparathyroidism (including reoperations, use of localization studies and ioPTH), adrenal tumors (including incidentaloma, primary hyperaldosteronism and pheochromocytomas), pancreatic and small bowel neuroendocrine tumors, and multiple endocrine neoplasia (including genetic screening).

### Part I

#### Session I: Endocrinopathies

Saturday, 8:30 - 10:00 am

MODERATORS: James A. Lee, MD, FACS, *New York, NY*Janice L. Pasieka, MD, FACS, *Calgary, AB*

Primary Hyperparathyroidism Presentation / Diagnosis

Fiemu E. Nwariaku, MB,BS, FACS, *Dallas, TX*

Parathyroid Imaging

Sonia L. Sugg, MD, FACS, *Iowa City, IA*

Surgical Management of Hyperthyroidism

Martha A. Zeiger, MD, FACS, *Baltimore, MD*

Functional PNETs (Insulinoma/Zollinger Ellison/ Glucagonoma)

Geoffrey B. Thompson, MD, FACS, *Rochester, MN*

Cushing's Syndrome

Rebecca S. Sippel, MD, FACS, *Madison, WI*

Panel Discussion

James A. Lee, MD, FACS, *New York, NY*Janice L. Pasieka, MD, FACS, *Calgary, AB*Fiemu E. Nwariaku, MB,BS, FACS, *Dallas, TX*Sonia L. Sugg, MD, FACS, *Iowa City, IA*Martha A. Zeiger, MD, FACS, *Baltimore, MD*Geoffrey B. Thompson, MD, FACS, *Rochester, MN*Rebecca S. Sippel, MD, FACS, *Madison, WI*

#### Session II: Guidelines

Saturday, 10:15 - 11:45 am

MODERATORS: James A. Lee, MD, FACS, *New York, NY*Janice L. Pasieka, MD, FACS, *Calgary, AB*

Work-Up and Management of Thyroid Nodules (ATA Guidelines/Bethesda Classification)

Christopher R. McHenry, MD, FACS, *Cleveland, OH*

ATA Guidelines for Well-Differentiated and Medullary Thyroid Cancer

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Adrenal Incidentaloma (AAES-AACE and NIH Guidelines)

Miguel F. Herrera, MD, PhD, FACS, *Mexico City, Mexico*

### Guidelines for Surgery in Asymptomatic Primary Hyperparathyroidism: Are They Too Strict?

Cord Sturgeon, MD, FACS, *Chicago, IL*

### Pancreatic Neuroendocrine Tumors

John A. Chabot, MD, FACS, *New York, NY*

### Panel Discussion

James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*  
 Christopher R. McHenry, MD, FACS, *Cleveland, OH*  
 Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*  
 Miguel F. Herrera, MD, PhD, FACS, *Mexico City, Mexico*  
 Cord Sturgeon, MD, FACS, *Chicago, IL*  
 John A. Chabot, MD, FACS, *New York, NY*

### Session III: Controversies in Thyroid Cancer

Saturday, 12:45 - 2:15 pm

MODERATORS: James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*

### Lobectomy or Total Thyroidectomy for Small Papillary Thyroid Cancers

Tina W.F. Yen, MD, FACS, *Milwaukee, WI*

### Molecular Profiles in Thyroid Cancer

Sally E. Carty, MD, FACS, *Pittsburgh, PA*

### Prophylactic Central Neck Dissection: Pro

Clive S. Grant, MD, FACS, *Rochester, MN*

### Prophylactic Central Neck Dissection: Con

Allan E. Siperstein, MD, *Cleveland, OH*

### Radioactive Iodine for Differentiated Thyroid Cancer: When, How, and How Much

Ralph P. Tufano, MD, FACS, *Baltimore, MD*

### Panel Discussion

James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*  
 Tina W.F. Yen, MD, FACS, *Milwaukee, WI*  
 Sally E. Carty, MD, FACS, *Pittsburgh, PA*  
 Clive S. Grant, MD, FACS, *Rochester, MN*  
 Allan E. Siperstein, MD, *Cleveland, OH*  
 Ralph P. Tufano, MD, FACS, *Baltimore, MD*

### Session IV: Hereditary Syndromes and the Genetics Behind Them

Saturday, 2:30 - 4:00 pm

MODERATORS: James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*

### MEN I

Steven K. Libutti, MD, FACS, *Bronx, NY*

### MEN II

Michael J. Demeure, MD, FACS, *Scottsdale, AZ*

### Pheochromocytoma-Paraganglioma Syndromes

Electron Kebebew, MD, FACS, *Bethesda, MD*

### Familial Medullary Thyroid Cancer and Familial Papillary Thyroid Cancer

Marybeth S. Hughes, MD, FACS, *Bethesda, MD*

### Hereditary Forms of Hypercalcemia

Michael W. Yeh, MD, FACS, *Los Angeles, CA*

### Panel Discussion

James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*  
 Steven K. Libutti, MD, FACS, *Bronx, NY*  
 Michael J. Demeure, MD, FACS, *Scottsdale, AZ*  
 Electron Kebebew, MD, FACS, *Bethesda, MD*  
 Marybeth S. Hughes, MD, FACS, *Bethesda, MD*  
 Michael W. Yeh, MD, FACS, *Los Angeles, CA*

### Part II

### Session I: Surgical Techniques—Thyroid and Parathyroid (Video-Based)

Sunday, 8:30 - 10:00 am

MODERATORS: James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*

### Thyroid USG and Fine-Needle Biopsy

Kresimira M. Milas, MD, FACS, *Portland, OR*

### Technique of Minimally Invasive Parathyroidectomy

Jacob Moalem, MD, FACS, *Rochester, NY*

### Minimally Invasive Thyroid Surgery

William B. Inabnet III, MD, FACS, *New York, NY*

### Technique of Lateral Neck Dissection

Kepal N. Patel, MD, FACS, *New York, NY*

### Nerve Monitoring

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

### Panel Discussion

James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*  
 Kresimira M. Milas, MD, FACS, *Portland, OR*  
 Jacob Moalem, MD, FACS, *Rochester, NY*  
 William B. Inabnet III, MD, FACS, *New York, NY*  
 Nepal N. Patel, MD, FACS, *New York, NY*  
 Peter Angelos, MD, PhD, FACS, *Chicago, IL*

### Session II: Surgical Hypertension and Adrenalectomy

Sunday, 10:15 - 11:45 am

MODERATORS: James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*

### Pheochromocytoma/Paraganglioma

John A. Olson, Jr., MD, PhD, *Baltimore, MD*

### Primary Hyperaldosteronism

Carrie C. Lubitz, MD, MPH, FACS, *Boston, MA*

### Laparoscopic Transabdominal Adrenalectomy

Quan-Yang Duh, MD, FACS, *San Francisco, CA*

### Laparoscopic Retroperitoneal Adrenalectomy

Nancy D. Perrier, MD, FACS, *Houston, TX*

### Surgical Therapy of Adrenocortical Cancer and Metastases to the Adrenal Gland

Jeffrey E. Lee, MD, FACS, *Houston, TX*

### Panel Discussion

James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*  
 John A. Olson, Jr., MD, PhD, *Baltimore, MD*  
 Carrie C. Lubitz, MD, MPH, FACS, *Boston, MA*  
 Quan-Yang Duh, MD, FACS, *San Francisco, CA*  
 Nancy D. Perrier, MD, FACS, *Houston, TX*  
 Jeffrey E. Lee, MD, FACS, *Houston, TX*

**Session III: Controversies in Endocrine Surgery**

Sunday, 12:45 - 2:15 pm

MODERATORS: James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*

Parathyroidectomy—Focused versus Bilateral Neck Exploration

Herbert Chen, MD, FACS, *Madison, WI*

Non-Traditional Approaches to Thyroidectomy—Should We Consider Them?

David J. Terris, MD, FACS, *Augusta, GA*

Normocalcemic Hyperparathyroidism and "Mild" Primary Hyperparathyroidism

Richard A. Hodin, MD, FACS, *Boston, MA*

Laparoscopic Adrenalectomy for Large Adrenal Tumors

Wen T. Shen, MD, FACS, *San Francisco, CA*

Management of Anaplastic Thyroid Cancer

Julie A. Sosa, MD, FACS, *Durham, NC*

Panel Discussion

James A. Lee, MD, FACS, *New York, NY*

Janice L. Pasieka, MD, FACS, *Calgary, AB*

Herbert Chen, MD, FACS, *Madison, WI*

David J. Terris, MD, FACS, *Augusta, GA*

Richard A. Hodin, MD, FACS, *Boston, MA*

Wen T. Shen, MD, FACS, *San Francisco, CA*

Julie A. Sosa, MD, FACS, *Durham, NC*

**Session IV: Surgical Techniques and Challenges in Endocrine Surgery**

Sunday, 2:30 - 4:00 pm

MODERATORS: James A. Lee, MD, FACS, *New York, NY*  
 Janice L. Pasieka, MD, FACS, *Calgary, AB*

Parenchyma-Sparing Pancreatic Surgery: Enucleation and Central Pancreatectomy

John D. Allendorf, MD, FACS, *Mineola, NY*

Formal Pancreatic Resections: Whipple and Distal Pancreatectomy

Douglas B. Evans, MD, FACS, *Milwaukee, WI*

Small Bowel NETs

Gerard M. Doherty, MD, FACS, *Boston, MA*

Challenges of Thyroid Surgery

Thomas J. Fahey, MD, FACS, *New York, NY*

Challenges of Parathyroid Surgery

Robert Udelsman, MD, FACS, FACE, *New Haven, CT*

Panel Discussion

James A. Lee, MD, FACS, *New York, NY*

Janice L. Pasieka, MD, FACS, *Calgary, AB*

John D. Allendorf, MD, FACS, *Mineola, NY*

Douglas B. Evans, MD, FACS, *Milwaukee, WI*

Gerard M. Doherty, MD, FACS, *Boston, MA*

Thomas J. Fahey, MD, FACS, *New York, NY*

Robert Udelsman, MD, FACS, FACE, *New Haven, CT*

*Sponsored by the Program Committee*

**PG17 | Basic Office Coding and Profitable Practice Operations**

TRACK: HP

6 credits, Verification Level I

4 sessions: Saturday, October 5; 9:30 am - 5:00 pm

Location: 147

CHAIR: Albert Bothe, Jr., MD, FACS, *Danville, PA*

CO-CHAIR: Lee Morisy, MD, FACS, *Memphis, TN*

This course is an introduction to the rules and categories of evaluation and management (E/M) coding. The speakers will discuss how to identify and code the appropriate level of service through the use of templates and electronic medical records. The course will also give a basic overview of collections, denials, ratios, and metrics of billing and reimbursement issues.

MODERATORS: Albert Bothe, Jr., MD, FACS, *Danville, PA*

Lee Morisy, MD, FACS, *Memphis, TN*

INSTRUCTOR: Betsy Nicoletti, CPC, *Springfield, VT*

**Session I: Attain Greater Safety through Coding Accuracy**

Saturday, 9:30 am - 1:00 pm

Global Package

Select What to Bill and How to Bill It Before, During, and After the Global Period

Evaluation and Management Services

Review Sample Notes and How They Were Billed

Category of Code

Critical Care

The Hazards of Electronic Health Records

Colonoscopy

**Session II: Achieve Additional Profit through Incentive Programs**

Saturday, 2:00 - 2:45 pm

New: In the News

Centers for Medicare & Medicaid Services (CMS) and Current Procedural Terminology (CPT) Updates for 2013

Participation in Government Incentive Programs

Coming Attractions in Reimbursement

**Session III: Accomplish the Best Revenue Cycle through Technology**

Saturday, 2:45 - 4:00 pm

From Phone Call to Zero Balance

Policies, Tools, and Technology

What Has Your Clearinghouse Done for You Lately and What Should It Do?

**Session IV: Arrive at Higher Satisfaction: Physician, Staff, and Patients**

Saturday, 4:15 - 5:00 pm

Improving the Work Life of Physicians

Staff Morale and Productivity

Patient Satisfaction Measurement and Improvement

*Sponsored by the General Surgery Coding and Reimbursement Committee*

## PG18 | Management of Benign Anorectal Disease

TRACKS: CRS, GEN

6 credits, Verification Level I

4 sessions: Sunday, October 6; 8:00 am - 3:30 pm

*Location: 147*

CHAIR: Herand Abcarian, MD, FACS, *Chicago, IL*

CO-CHAIR: Amy L. Halverson, MD, FACS, *Chicago, IL*

This course will cover the management and treatment of benign anorectal disease, including fistulas, fissures, hemorrhoids, pilonidal disease, and other anorectal conditions. Although the focus will be on benign disease, the course will also review the evolving evaluation and treatment of HPV-related disease including condyloma and anal intraepithelial neoplasia will also be discussed.

### Session I

Sunday, 8:00 - 9:30 am

MODERATORS: Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*

Treatment of Hemorrhoids: Band, Staple, or Excise  
Martin A. Luchtefeld, MD, FACS, *Grand Rapids, MI*

Hemorrhoids: The Rise and Fall of PPH  
Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*

Management of Anorectal Varices  
David W. Dietz, MD, FACS, *Cleveland, OH*

Question and Answer  
Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*  
Martin A. Luchtefeld, MD, FACS, *Grand Rapids, MI*  
Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*  
David W. Dietz, MD, FACS, *Cleveland, OH*

### Session II

Sunday, 9:45 - 11:15 pm

MODERATORS: Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*

Fistula Management Unplugged  
Alex J. Ky, MD, FACS, *New York, NY*

Ligation Intersphincteric Fistula Tract (LIFT)  
Ravin R. Kumar, MB, BS, FACS, *Torrance, CA*

Fibrin Glue  
Marc A. Singer, MD, FACS, *Highland Park, IL*

Management of Complex Anovaginal Fistulas  
Brooke H. Gurland, MD, FACS, *Cleveland, OH*

### Question and Answer

Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*  
Alex J. Ky, MD, FACS, *New York, NY*  
Ravin R. Kumar, MB, BS, FACS, *Torrance, CA*  
Marc A. Singer, MD, FACS, *Highland Park, IL*  
Brooke H. Gurland, MD, FACS, *Cleveland, OH*

### Session III

Sunday, 12:15 - 1:45 pm

MODERATORS: Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*

Sacral Nerve Simulation  
Anders F. Mellgren, MD, FACS, *Minneapolis, MN*

Options in Sphincter Augmentation  
Anne-Marie Boller, MD, FACS, *Chicago, IL*

Sphincter Repair  
Massarat Zutshi, MB, BS, FACS, *Cleveland, OH*

Question and Answer  
Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*  
Anders F. Mellgren, MD, FACS, *Minneapolis, MN*  
Anne-Marie Boller, MD, FACS, *Chicago, IL*  
Massarat Zutshi, MB, BS, FACS, *Cleveland, OH*

### Session IV

Sunday, 2:00 - 3:30 pm

MODERATORS: Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*

Pilonidal: Less is More?  
Guy R. Orangio, MD, FACS, *New Orleans, LA*

Dermatitis / Dermatositis  
Richard P. Billingham, MD, FACS, *Seattle, WA*

Hidradenitis  
Jeffery M. Nelson, MD, FACS, *Bethesda, MD*

Question and Answer  
Herand Abcarian, MD, FACS, *Chicago, IL*  
Amy L. Halverson, MD, FACS, *Chicago, IL*  
Guy R. Orangio, MD, FACS, *New Orleans, LA*  
Richard P. Billingham, MD, FACS, *Seattle, WA*  
Jeffery M. Nelson, MD, FACS, *Bethesda, MD*

*Sponsored by the Program Committee, the Advisory Council for General Surgery, and the Advisory Council for Colon and Rectal Surgery*

## PG19 | Mastering General Surgery Coding (Advanced)

TRACK: HP

6 credits, Verification Level I

4 sessions: Sunday, October 6; 9:00 am - 4:30 pm

*Location: 151B*

CHAIR: Mark T. Savarise, MD, FACS, *Salt Lake City, UT*  
CO-CHAIR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*



This course offers an in-depth focus on evaluation and management (E/M) services, including how to identify and document the appropriate level of service. The course will also cover reimbursement issues, including ways to expedite reimbursement with fewer denials by understanding the billing rules. In addition, the course will address CPT, HCPCS, and ICD-10-CM coding, and modifiers and the surgical global package.

## INSTRUCTOR:

Mary LeGrand, RN, CCS-P, CPC, *St. Louis, MO*

## MODERATORS:

Mark T. Savarise, MD, FACS, *Salt Lake City, UT*

Christopher K. Senkowski, MD, FACS, *Savannah, GA*

### Session I: Coding and Reimbursement Rules: CPT and Medicare, and Tips

Sunday, 9:00 - 11:00 am

CPT and Medicare Rules Related to the Surgical Package

Medicare Correct Coding Initiative Edits

Operative Note Dictation Tips for Coding and Appeals  
Unlisted Procedures

Protecting E/M Service from the Global Surgical Package: Modifiers 25 and 57

Same-Day Surgical Procedure Modifiers: Modifiers 50, 51, 59

Surgeon Role Modifiers and Complexity Modifiers:  
Modifiers 22, 80, 82, and 62

### Session II: Surgical Case Coding and Modifier Applications

Sunday, 11:15 am - 12:30 pm

Global Surgical Package: Services Performed during the Global Surgical Period: Modifiers 24, 58, 78, and 79

Radiology Codes: Professional Component (26) vs. Global Codes

Central Venous Access Overview

### Session III: Surgical Case Coding and Modifier Applications

Sunday, 1:30 - 2:45 pm

Breast Coding

Colorectal Overview

Hernia Surgery Overview

### Session IV: Surgical Case Coding and Modifier Applications

Sunday, 3:00 - 4:30 pm

Hernia Surgery Overview Continued

Integumentary Update 2013

Endocrine Overview

Bariatric Overview

*Sponsored by the General Surgery Coding and Reimbursement Committee*

## PG20 | Endoscopic and Minimally-Invasive Surgical Approaches for Managing Benign and Malignant Esophageal Disease

TRACK: CTS, ONC

6 credits, Verification Level I

4 sessions: Monday, October 7; 9:45 am - 5:15 pm

Location: 140

CHAIR: Hiran C. Fernando, MB, BS, FACS, *Boston, MA*

CO-CHAIR: Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

This six-hour course will highlight the evolving role of endoscopic and minimally invasive surgical therapies for benign, pre-malignant, and malignant esophageal diseases. There is a gap in our understanding of how new treatment strategies should be employed and what patients are likely to most benefit. Examples of such treatments are radiofrequency ablation or endoscopic mucosal resection of Barrett's esophagus, endoscopic myotomy (POEM) for achalasia, magnetic esophageal sphincter augmentation devices for gastroesophageal reflux disease (GERD), and minimally invasive laparoscopic or robotic esophagectomies for esophageal cancer. The objectives of the course will be for the attendees to understand the indications for these procedures, their pitfalls, and current results.

### Session I: Achalasia; MIS and New Approaches

Monday, 9:45 - 11:15 am

## MODERATORS:

Hiran C. Fernando, MB, BS, FACS, *Boston, MA*

Claude Deschamps, MD, FACS, *Rochester, MN*

Technique and Results of Laparoscopic Myotomy  
Rodney J. Landreneau, MD, *Pittsburgh, PA*

Robotic Myotomy; Technique and Results  
Santiago Horgan, MD, FACS, *San Diego, CA*

## POEM

Lee L. Swanstrom, MD, FACS, *Portland, OR*

Fundoplication; Is It Necessary and What Type?  
Christopher R. Morse, MD, *Boston, MA*

Discussion: Optimal Approach for Achalasia  
Hiran C. Fernando, MB, BS, FACS, *Boston, MA*  
Claude Deschamps, MD, FACS, *Rochester, MN*  
Rodney J. Landreneau, MD, *Pittsburgh, PA*  
Santiago Horgan, MD, FACS, *San Diego, CA*  
Lee L. Swanstrom, MD, FACS, *Portland, OR*  
Christopher R. Morse, MD, *Boston, MA*

### Session II: GERD: MIS and New Approaches

Monday, 11:30 am - 1:00 pm

## MODERATORS:

Lee L. Swanstrom, MD, FACS, *Portland, OR*

Rodney J. Landreneau, MD, *Pittsburgh, PA*

Laparoscopic Fundoplication; The Gold Standard  
Claude Deschamps, MD, FACS, *Rochester, MN*

Endoscopic Fundoplication

Hiran C. Fernando, MB, BS, FACS, *Boston, MA*

Failed Antireflux Surgery: Work-Up and Management  
Sebastien Gilbert, MD, FRCSC, *Ottawa, ON*

Linx Procedure

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Discussion: New Approaches

Lee L. Swanstrom, MD, FACS, *Portland, OR*

Rodney J. Landreneau, MD, FACS, *Pittsburgh, PA*

Claude Deschamps, MD, FACS, *Rochester, MN*

Hiran C. Fernando, MB, BS, FACS, *Boston, MA*

Sebastien Gilbert, MD, FRCSC, *Ottawa, ON*

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

### Session III: Endoscopic Therapies for Barretts and Early-Stage Esophageal Cancer

Monday, 2:00 - 3:30 pm

MODERATORS:

Nabil Rizk, MD, FACS, *New York, NY*

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Endoscopic Mucosal Resection (EMR) Submucosal Dissection (EDS)

Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

Radiofrequency Ablation

Daniel L. Miller, MD, FACS, *Atlanta, GA*

Cryoablation

Virginia R. Litle, MD, FACS, *Boston, MA*

Optimal Management of T1a and T1b N0 Cancer

Thomas J. Watson, MD, FACS, *Victor, NY*

Discussion: Endoscopic Therapies

Nabil Rizk, MD, FACS, *New York, NY*

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

Daniel L. Miller, MD, FACS, *Atlanta, GA*

Virginia R. Litle, MD, FACS, *Boston, MA*

Thomas J. Watson, MD, FACS, *Victor, NY*

### Session IV: Esophagectomy for Cancer

Monday, 3:45 - 5:15 pm

MODERATORS:

Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

Thomas J. Watson, MD, FACS, *Victor, NY*

Laparoscopic and Video-Assisted Thoracoscopic Surgery Esophagectomy

Arjun Pennathur, MD, FACS, *Pittsburgh, PA*

Robotic Esophagectomy

Kemp H. Kernstine, Sr., MD, PhD, FACS, *Dallas, TX*

Open vs. Minimally Invasive Esophagectomy

Nabil Rizk, MD, FACS, *New York, NY*

Optimal Management Pylorus

Michael S. Kent, MD, FACS, *Boston, MA*

Discussion: Minimally Invasive Esophagectomy

Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

Thomas J. Watson, MD, FACS, *Victor, NY*

Arjun Pennathur, MD, FACS, *Pittsburgh, PA*

Kemp H. Kernstine, Sr., MD, PhD, FACS, *Dallas, TX*

Nabil Rizk, MD, FACS, *New York, NY*

Michael S. Kent, MD, FACS, *Boston, MA*

*Sponsored by the Advisory Council for Cardiothoracic Surgery*

## PG21 | General Surgery Review Course

TRACK: GEN

SA

12 credits, Verification Level II

Part I: 4 sessions; Monday, October 7; 10:00 am - 5:30 pm

Part II: 4 sessions; Tuesday, October 8; 8:00 am - 3:30 pm

Location: 147

CHAIR: John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

CO-CHAIR: Eugene F. Foley, MD, FACS, *Madison, WI*

CO-CHAIR: Robert C. McIntyre, Jr., MD, FACS, *Aurora, CO*

This two-day course will provide a concise review of a majority of the essential content areas in general surgery. The course will help surgeons comply with Maintenance of Certification requirements and help guide their preparation for recertification examinations. A distinguished faculty will use an interactive case-based format that will cover many of the core elements of general surgery as defined by the American Board of Surgery. The course content will be based on a modular system to include: abdomen, gastrointestinal tract, trauma, critical care, breast, endocrine, vascular, perioperative, and general surgical problems in related specialties. Questions will be available for review by participants prior to the course. During the course, an interactive audience response system will be used, and following the audience response, the faculty will discuss the correct answer. At the conclusion of the course, participants will receive a syllabus with all the questions, answers, supporting discussions, and bibliographies.

### Part I

#### Session I: Abdominal

Monday, 10:00 am - 12:00 noon

MODERATOR:

John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

Diaphragm and GERD

Matthew I. Goldblatt, MD, FACS, *Milwaukee, WI*

Pancreas

Attila Nakeeb, MD, FACS, *Indianapolis, IN*

Biliary Tract

Sam G. Pappas, MD, FACS, *Milwaukee, WI*

Liver

Charles R. Scoggins, MD, FACS, *Louisville, KY*

Spleen

Jeffrey G. Chipman, MD, FACS, *Minneapolis, MN*

Hernia

Merril T. Dayton, MD, FACS, *Buffalo, NY*

#### Session II: Alimentary

Monday, 1:00 - 3:00 pm

MODERATOR: Eugene F. Foley, MD, FACS, *Madison, WI*

Esophagus

Scott J. Swanson, MD, FACS, *Boston, MA*

**Stomach**Clifford S. Cho, MD, FACS, *Madison, WI***Small Bowel Disease**Charles P. Heise, MD, FACS, *Madison, WI***Colorectal Cancer**Christopher R. Mantyh, MD, FACS, FASCRS, *Durham, NC***Benign Colorectal Disease**Eugene F. Foley, MD, FACS, *Madison, WI***Benign Anorectal Disease**Eugene F. Foley, MD, FACS, *Madison, WI***Session III: Breast**

Monday, 3:20 - 4:20 pm

MODERATOR: Richard M. Bell, MD, FACS, *Columbia, SC***Breast Disease I**Judy C. Boughey, MB, BChir, FACS, *Rochester, MN***Breast Disease II**Hiram S. Cody III, MD, FACS, *New York, NY***Breast Disease III**Elisa R. Port, MD, FACS, *New York, NY***Session IV: Vascular**

Monday, 4:30 - 5:30 pm

MODERATOR: Richard M. Bell, MD, FACS, *Columbia, SC***Peripheral Vascular Disease**Eugene M. Langan III, MD, FACS, *Greenville, SC***Vascular Disease**Addi Z. Rizvi, MD, FACS, *Minneapolis, MN***Vascular Disease: Management and Diagnosis**David P. Franklin, MD, FACS, *Danville, PA***Part II****Session I: Perioperative Care**

Tuesday, 8:00 - 10:50 am

MODERATOR:

Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT***Fluids, Electrolytes, and Infection**Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT***Hemostasis and Coagulation**Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT***Wound Healing and Wound Management**John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI***Nutrition**Ben L. Zarzaur, MD, FACS, *Memphis, TN***Renal Function**Ben L. Zarzaur, MD, FACS, *Memphis, TN***Pharmacology**Ben L. Zarzaur, MD, FACS, *Memphis, TN***Perioperative Cardiac Evaluation**Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT***Deep Vein Thrombosis/Pulmonary Embolism****Prophylaxis and Treatment**Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT***Session II: Critical Care**

Tuesday, 11:10 am - 12:20 pm

MODERATOR:

Rosemary A. Kozar, MD, PhD, FACS, *Houston, TX***Critical Care: Respiratory**Laura J. Moore, MD, FACS, *Houston, TX***Critical Care: Cardiac**Carrie A. Sims, MD, FACS, *Philadelphia, PA***Session III: Trauma**

Tuesday, 1:20 - 2:50 pm

MODERATOR:

Robert C. McIntyre, Jr., MD, FACS, *Aurora, CO***Resuscitation, Head, and Neck**R. Stephen Smith, MD, RD, FACS, *Columbia, SC***Chest and Abdomen**Michael C. Chang, MD, FACS, *Winston-Salem, NC***Pelvis, Vascular, and Extremity**Christine S. Cocanour, MD, FACS, *Sacramento, CA***Session IV: Endocrine**

Tuesday, 3:00 - 3:30 pm

MODERATOR:

Robert C. McIntyre, Jr., MD, FACS, *Aurora, CO***Endocrine**Christopher D. Raeburn, MD, FACS, *Aurora, CO**Sponsored by the Division of Education*

## PG22 | Robotic Surgery for Gastrointestinal Operations: Program Planning, Approaches, and Applications

TRACKS: EDU, GEN



6 credits, Verification Level I

4 sessions: Monday, October 7; 10:00 am - 5:30 pm

*Location: 151B*CHAIR: Vivian E. Strong, MD, FACS, *New York, NY*CO-CHAIR: Inderpal S. Sarkaria, MD, FACS, *New York, NY*

Robotic surgery is increasingly becoming a viable application to many different surgical procedures. It is important that with the introduction of new applications for this technology, safety and efficacy be rigorously evaluated. This course aims to discuss current applications of robotic technology to upper and lower gastrointestinal surgery. Presentations will emphasize how to set-up a program and apply this technology, as well as how to evaluate its place in the armamentarium of tools used to provide effective surgical options.

**Session I: Planning a Robotic Program**

Monday, 10:00 am - 12:20 pm

## MODERATORS:

Vivian E. Strong, MD, FACS, *New York, NY*  
 Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS,  
*New York, NY*

## Introduction

Vivian E. Strong, MD, FACS, *New York, NY*

## Setting Up a Robotic Program

Alessio Pigazzi, MD, PhD, FACS, *Irvine, CA*

## Credentialing and Certification

Faiz Y. Bhora, MB, BS, FACS, *New York, NY*

## Quality Control and Safety Considerations

Inderpal S. Sarkaria, MD, FACS, *New York, NY*

## Simulation and Training Strategies

Mario M. Leitao, Jr., MD, FACOG, *New York, NY*

## Resident and Fellow Education

Peter Muscarella, MD, FACS, *Columbus, OH*

## Case Study: Gastrectomy Training and Learning Curve

Woo Jin Hyung, MD, PhD, *Seoul, Korea*

## Panel Discussion

Vivian E. Strong, MD, FACS, *New York, NY*  
 Inderpal S. Sarkaria, MD, FACS, *New York, NY*  
 Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS,  
*New York, NY*  
 Alessio Pigazzi, MD, PhD, FACS, *Irvine, CA*  
 Faiz Y. Bhora, MB, BS, FACS, *New York, NY*  
 Mario M. Leitao, Jr., MD, FACOG, *New York, NY*  
 Peter Muscarella, MD, FACS, *Columbus, OH*  
 Woo Jin Hyung, MD, PhD, *Seoul, Korea*

**Session II: Upper GI I**

Monday, 1:20 - 2:30 pm

## MODERATOR:

Inderpal S. Sarkaria, MD, FACS, *New York, NY*

## Malignant Esophageal: Esophagectomy

Inderpal S. Sarkaria, MD, FACS, *New York, NY*

## Benign Esophageal I: Nissen and Paraesophageal Hernia

Rasa Zarnegar, MD, FACS, *New York, NY*

## Benign Esophageal II: Heller Myotomy, Leiomyoma Enucleation, Epiphrenic Diverticulum

Abbas E. Abbas, MD, *Philadelphia, PA*

## Panel Discussion

Inderpal S. Sarkaria, MD, FACS, *New York, NY*  
 Rasa Zarnegar, MD, FACS, *New York, NY*  
 Abbas E. Abbas, MD, *Philadelphia, PA*

**Session III: Upper GI II**

Monday, 2:45 - 4:15 pm

MODERATOR: Woo Jin Hyung, MD, PhD, *Seoul, Korea*

## Malignant Gastric I: Gastrectomy

Vivian E. Strong, MD, FACS, *New York, NY*

## Malignant Gastric II: Korean Experience and Results / New Applications

Woo Jin Hyung, MD, PhD, *Seoul, Korea*

## Benign Gastric: Gastric Bypass

Michelle E. Toder, MD, FACS, *Bangor, ME*

## Single-Site Robotic Cholecystectomy

Sherry M. Wren, MD, FACS, *Palo Alto, CA*

## Panel Discussion

Vivian E. Strong, MD, FACS, *New York, NY*  
 Woo Jin Hyung, MD, PhD, *Seoul, Korea*  
 Michelle E. Toder, MD, FACS, *Bangor, ME*  
 Sherry M. Wren, MD, FACS, *Palo Alto, CA*

**Session IV: Lower GI/Coleorectal**

Monday, 4:30 - 5:30 pm

## MODERATORS:

Alessio Pigazzi, MD, PhD, FACS, *Irvine, CA*  
 Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS,  
*New York, NY*

## Colorectal I: Colon Resection

Pier C. Giulianotti, MD, FACS, *Chicago, IL*

## Colorectal II: LAR/APR

Martin R. Weiser, MD, FACS, *New York, NY*

## Panel Discussion

Alessio Pigazzi, MD, PhD, FACS, *Irvine, CA*  
 Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS,  
*New York, NY*  
 Pier C. Giulianotti, MD, FACS, *Chicago, IL*  
 Martin R. Weiser, MD, FACS, *New York, NY*

## Wrap-Up

Vivian E. Strong, MD, FACS, *New York, NY*  
 Inderpal S. Sarkaria, MD, FACS, *New York, NY*

*Sponsored by the Division of Education, the Program Committee, and the Committee on Emerging Surgical Technology and Education*

**PG23 | Trauma Update 2013**

## TRACK: TRA

6 credits, Verification Level I

4 sessions: Monday, October 7; 10:15 am - 5:45 pm

Location: 146A

CHAIR: David A. Spain, MD, FACS, *Stanford, CA*

CO-CHAIR: Rao R. Ivatury, MD, FACS, *Richmond, VA*

Care of the injured patient continues to evolve with new diagnostic strategies employed during the initial evaluation and an increasing array of therapeutic options both within and outside the operating room. This course will discuss the evaluation and management of the injured patient with a focus on new technology employed in the care of this challenging patient population.

**Session I: Pre-Hospital**

Monday, 10:15 - 11:30 am

MODERATOR: David A. Spain, MD, FACS, *Stanford, CA*

## Pre-Hospital

David A. Spain, MD, FACS, *Stanford, CA*

## The Next Decade in Pre-Hospital Care

Norman E. McSwain, MD, FACS, *New Orleans, LA*

## Lessons Learned from Long-Range Military Transports

Jay A. Johannigman, MD, FACS, *Cincinnati, OH*



**Session II: Resuscitation**

Monday, 11:45 am - 1:00 pm

MODERATOR: Rao R. Ivatury, MD, FACS, *Richmond, VA***Resuscitation**Rao R. Ivatury, MD, FACS, *Richmond, VA***ECHO in the ED**Paula A. Ferrada, MD, FACS, *Richmond, VA***Hemostatic Resuscitation**John B. Holcomb, MD, FACS, *Houston, TX***Panel Discussion**

David A. Spain, MD, FACS, *Stanford, CA*  
 Rao R. Ivatury, MD, FACS, *Richmond, VA*  
 Norman E. McSwain, MD, FACS, *New Orleans, LA*  
 Jay A. Johannigman, MD, FACS, *Cincinnati, OH*  
 Paula A. Ferrada, MD, FACS, *Richmond, VA*  
 John B. Holcomb, MD, FACS, *Houston, TX*

**Session III: OR**

Monday, 2:00 - 3:45 pm

MODERATOR: Rao R. Ivatury, MD, FACS, *Richmond, VA***My Five Best Tips for Operative Management of Liver Injuries**Thomas M. Scalea, MD, FACS, *Baltimore, MD***Endovascular Management of Trauma**Michael J. Sise, MD, FACS, *San Diego, CA***Damage Control Thoracic Surgery**J. David Richardson, MD, FACS, *Louisville, KY***The Multifunctional OR of the Future**H. Gill Cryer, MD, FACS, *Los Angeles, CA***Panel Discussion**

Rao R. Ivatury, MD, FACS, *Richmond, VA*  
 Thomas M. Scalea, MD, FACS, *Baltimore, MD*  
 Michael J. Sise, MD, FACS, *San Diego, CA*  
 J. David Richardson, MD, FACS, *Louisville, KY*  
 H. Gill Cryer, MD, FACS, *Los Angeles, CA*

**Session IV: Critical Care**

Monday, 4:00 - 5:45 pm

MODERATOR: David A. Spain, MD, FACS, *Stanford, CA***Management of the Open Abdomen**Clay Cothren Burlew, MD, FACS, *Denver, CO***Current TBI Management and the Trauma Surgeon**Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD***Current Concepts in VAP Diagnosis and Treatment**Martin A. Croce, MD, FACS, *Memphis, TN***Panel Discussion**

David A. Spain, MD, FACS, *Stanford, CA*  
 Clay Cothren Burlew, MD, FACS, *Denver, CO*  
 Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD*  
 Martin A. Croce, MD, FACS, *Memphis, TN*

*Sponsored by the Committee on Trauma***PG24 | Breast Cancer: Current Treatment Paradigms**

TRACKS: GEN, ONC

6 credits, Verification Level I

4 sessions: Tuesday, October 8; 9:00 am - 4:30 pm

*Location: 146A*CHAIR: Monica Morrow, MD, FACS, *New York, NY*CO-CHAIR: V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

This course will provide practical, evidence-based practice recommendations in controversial and evolving areas of breast surgical practice, including patient management in the neoadjuvant setting, the approach to the axilla, what constitutes an adequate lumpectomy margin, and the approach to the patient with dense breasts. It will also address the emerging importance of molecular profiles to the surgeon.

**Session I**

Tuesday, 9:00 - 10:25 am

MODERATOR: Monica Morrow, MD, FACS, *New York, NY***Introduction**Monica Morrow, MD, FACS, *New York, NY***Lobular Carcinoma in Situ**Tari A. King, MD, FACS, *New York, NY***Managing the Woman with Dense Breasts**Seema A. Khan, MD, FACS, *Chicago, IL***Understanding Genetic Risk**Kevin S. Hughes, MD, FACS, *Boston, MA***Panel Discussion**

Monica Morrow, MD, FACS, *New York, NY*  
 Tari A. King, MD, FACS, *New York, NY*  
 Seema A. Khan, MD, FACS, *Chicago, IL*  
 Kevin S. Hughes, MD, FACS, *Boston, MA*

**Session II**

Tuesday, 10:40 am - 12:20 pm

MODERATOR:

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR***DCIS: Can We Select Patients Who Don't Need RT?**Julie A. Margenthaler, MD, FACS, *St. Louis, MO***Molecular Profiles: Are They All the Same?**Richard J. Bleicher, MD, FACS, *Philadelphia, PA***Approach to the Axilla in 2013: Acceptable, Unacceptable, Optimal**Mary L. Gemignani, MD, MPH, FACS, *New York, NY***Managing Lymphedema: Is Anything New?**Sarah A. McLaughlin, MD, FACS, *Jacksonville, FL***Panel Discussion**

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*  
 Julie A. Margenthaler, MD, FACS, *St. Louis, MO*  
 Richard J. Bleicher, MD, FACS, *Philadelphia, PA*  
 Mary L. Gemignani, MD, MPH, FACS, *New York, NY*  
 Sarah A. McLaughlin, MD, FACS, *Jacksonville, FL*

**Session III**

Tuesday, 1:20 - 3:00 pm

MODERATOR: Monica Morrow, MD, FACS, *New York, NY*

Are Margins the Major Determinant of Local Control?

Monica Morrow, MD, FACS, *New York, NY*

Oncoplastic Surgery: Are There Any Data?

Benjamin O. Anderson, MD, FACS, *Seattle, WA*

Nipple-Sparing Mastectomy: Patient Selection and Safety

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

Update on PBI

Peter D. Beitsch, MD, FACS, *Dallas, TX*

Panel Discussion

Monica Morrow, MD, FACS, *New York, NY*Benjamin O. Anderson, MD, FACS, *Seattle, WA*Peter D. Beitsch, MD, FACS, *Dallas, TX***Session IV**

Tuesday, 3:15 - 4:30 pm

MODERATOR:

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

Is Neoadjuvant Therapy Indicated for All Triple Negative and HER-2 Positive Patients?

Lisa A. Newman, MD, MPH, FACS, *Ann Arbor, MI*

Managing the Breast After Neoadjuvant Therapy

Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

Managing the Axilla After Neoadjuvant Therapy

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Panel Discussion

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*Lisa A. Newman, MD, MPH, FACS, *Ann Arbor, MI*Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*Judy C. Boughey, MB, BChir, FACS, *Rochester, MN**Sponsored by the Program Committee***PG25 | Maintenance of Certification Review (MOC): Essentials for Surgical Specialties**

TRACK: EDU

4 credits, Verification Level II

1 session: Tuesday, October 8; 12:30 - 4:45 pm

Location: 140

CHAIR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*CO-CHAIR: Robert R. Bahnson, MD, FACS, *Columbus, OH*

Do you have to take a Maintenance of Certification (MOC) exam? The surgical fundamentals are competencies that are common to all the surgical subspecialties, and are tested during the MOC recertification process. They include topics such as: emergency airway management, deep vein thrombosis prophylaxis, post-op management including MI recognition, conscious sedation, treatment of anaphylaxis, blood conservation, pain management, and patient safety

issues, to name but a few. This course seeks to bring subject matter experts on these topics together with surgeons from all the subspecialties, with an emphasis on preparation for MOC specific to these fundamental competencies. This one-stop shop will bring surgeons quickly up to speed through a refresher course in all these areas and concentrate on the studying the other materials specific to your subspecialty.

**Session I**

Tuesday, 12:30 - 4:45 pm

MODERATORS:

Robert R. Lorenz, MD, FACS, *Cleveland, OH*Robert R. Bahnson, MD, FACS, *Columbus, OH*

Introduction

Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Postoperative Pain Management

James B. Ray, PharmD, CPE, *Charlottesville, VA*

Anesthesia and Conscious Sedation

Joshua L. Lumbley, MD, *Columbus, OH*

Perioperative Airway Management

Paul W. Flint, MD, *Portland, OR*

Perioperative Medical Management

Harrison G. Weed, MD, FACP, *Columbus, OH*

Patient Safety in Surgery

Rahul K. Shah, MD, FACS, *Washington, DC*

Perioperative Anti-Coagulation and Deep Vein Thrombosis Prophylaxis

Mark M. Levy, MD, FACS, *Richmond, VA*

Maintenance of Certification Review Summary

Robert R. Bahnson, MD, FACS, *Columbus, OH**Sponsored by the Division of Education***PG26 | Update in Surgical Critical Care**

TRACK: TRA



6.5 credits, Verification Level II

2 sessions: Wednesday, October 9; 8:00 am - 4:00 pm

Location: 147

CHAIR: Heidi Lee Frankel, MD, FACS, *Los Angeles, CA*CO-CHAIR: Fred A. Luchette, MD, MSc, FACS, *Maywood, IL*

The field of surgical critical care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes that should be integrated into surgical practice. This fast-paced review will focus on the relevant changes to critical care practices that have occurred over the last year. Dynamic experts in the field will review the literature and provide tips and tricks for implementing these changes into practice.

**Session I**

Wednesday, 8:00 - 11:55 am

## MODERATORS:

Heidi Lee Frankel, MD, FACS, *Los Angeles, CA*  
 Fred A. Luchette, MD, MSc, FACS, *Maywood, IL*

## Introduction and Welcome

Heidi Lee Frankel, MD, FACS, *Los Angeles, CA*  
 Fred A. Luchette, MD, MSc, FACS, *Maywood, IL*

## Pulmonary: ARDS and Ventilators

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

## Pulmonary: Physiology, VAP, DVT, PE

Forrest O'Dell Moore, MD, FACS, *Phoenix, AZ*

## Cardiovascular: Shock, Monitoring

Samuel A. Tisherman, MD, FACS, *Pittsburgh, PA*

## Cardiovascular: Arrhythmias

Sarah B. Murthi, MD, FACS, *Baltimore, MD*

## Hematology

Terence O'Keefe, MB ChB, MSPH, FACS, *Tucson, AZ*

## 24/7 In-House Intensivists: Needed or Not?

Marc A. de Moya, MD, FACS, *Boston, MA*

## Infection Control / Transplant

Shea C. Gregg, MD, FACS, *Providence, RI*

**Session II**

Wednesday, 12:55 - 4:00 pm

## MODERATORS:

Heidi Lee Frankel, MD, FACS, *Los Angeles, CA*  
 Fred A. Luchette, MD, MSc, FACS, *Maywood, IL*

## Neurologic Diseases

Deborah M. Stein, MD, MPH, FACS, FCCM,  
*Baltimore, MD*

## Infectious Disease

Heather L. Evans, MD, FACS, *Seattle, WA*

## Renal / Fluid / Electrolytes

Lewis J. Kaplan, MD, FACS, FCCM, FCCP,  
*New Haven, CT*

## GI / Nutrition

Clay Cothren Burlew, MD, FACS, *Denver, CO*

## Trauma

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

## Burns

Steven E. Wolf, MD, FACS, *Dallas, TX*

*Sponsored by the Committee on Trauma*

## PG27 | Non-Technical Skills for Surgeons (NOTSS) in the Operating Room: Behaviors in High-Performing Teams

TRACK: EDU



6 credits, Verification Level I

2 sessions: Wednesday, October 9; 8:30 am - 4:00 pm

Location: 146A

CHAIR: Douglas S. Smink, MD, FACS, *Boston, MA*

CO-CHAIR: Steven J. Yule, PhD, *Boston, MA*

Non-technical skills (situation awareness, decision making, leadership, communication, and teamwork) are increasingly considered essential for the successful surgeon. The aim of this workshop is to raise awareness of the impact of non-technical skills on surgical performance. The workshop will be structured around the four categories of non-technical skills detailed in the NOTSS skills taxonomy. The conceptual background to each category will be briefly described. Participants will then view and discuss simulated operations, focusing on the observable behaviors of the surgeons involved. Structured methods of analyzing behavior will be used to aid this process in an interactive manner. Participants will gain knowledge of the NOTSS handbook and learn to identify and assess non-technical skills in the operating room.

**Session I**

Wednesday, 8:30 - 11:40 am

MODERATORS: Douglas S. Smink, MD, FACS, *Boston, MA*  
 Steven J. Yule, PhD, *Boston, MA*

## Introduction to NOTSS

Douglas S. Smink, MD, FACS, *Boston, MA*  
 Steven J. Yule, PhD, *Boston, MA*

## Situation Awareness

Steven J. Yule, PhD, *Boston, MA*

## Small Group: Situation Awareness

## Decision Making

Douglas S. Smink, MD, FACS, *Boston, MA*

## Small Group: Decision-Making

## Cognitive Skills: Putting it Together

Douglas S. Smink, MD, FACS, *Boston, MA*

**Session II**

Wednesday, 12:40 - 4:00 pm

MODERATORS: Douglas S. Smink, MD, FACS, *Boston, MA*  
 Steven J. Yule, PhD, *Boston, MA*

## Leadership

George Youngson, CBE, MBChB, PhD, FRCPE,  
 FRCSEd, *United Kingdom*

## Small Group: Leadership

## Teamwork and Communication

Samuel R. G. Finlayson, MD, MPH, FACS, *Boston, MA*

## Small Group: Teamwork and Communication

## Social Skills: Putting it Together

George Youngson, CBE, MBChB, PhD, FRCPE,  
 FRCSEd, *United Kingdom*

## Rating Behavior Using NOTSS

Steven J. Yule, PhD, *Boston, MA*

## Wrap Up

Douglas S. Smink, MD, FACS, *Boston, MA*  
 Steven J. Yule, PhD, *Boston, MA*

*Sponsored by the Division of Education*

## PG28 | Review of the Essentials of Vascular Surgery

TRACK: VAS



6 credits, Verification Level II

4 sessions: Wednesday, October 9; 9:00 am - 4:30 pm

Location: 151B

CHAIR: Cynthia Shortell, MD, FACS, *Durham, NC*

CO-CHAIR: William D. Jordan, Jr., MD, FACS, *Birmingham, AL*

This course will review the essentials of contemporary vascular surgery practice, focusing on updated data and techniques of relevance for the general surgeon whose practice includes vascular surgery. Topics will include diagnosis and management, including both medical and surgical treatment of peripheral arterial disease, carotid disease, aneurysms, venous disease (including deep vein thrombosis/pulmonary embolism, amputations, and diabetic foot), and access for hemodialysis.

### Session I: Dialysis Access

Wednesday, 9:00 - 10:30 am

MODERATOR: Cynthia K. Shortell, MD, FACS, *Durham, NC*

How to Maximize Use of Autologous Vein for Access  
Mitchell W. Cox, MD, FACS, *Chapel Hill, NC*

Salvage of the Nonmaturing or Failing Dialysis Access  
Eric K. Peden, MD, FACS, *Houston, TX*

Long-Term Complications of Dialysis Access, Steal, Aneurysms, Infection, Central Venous Stenosis  
Thomas S. Huber, MD, FACS, *Gainesville, FL*

Uncommon Procedures for the Difficult Access Patient  
Jeffrey H. Lawson, MD, FACS, *Durham, NC*

#### Panel Discussion

Cynthia K. Shortell, MD, FACS, *Durham, NC*

Mitchell W. Cox, MD, FACS, *Chapel Hill, NC*

Eric K. Peden, MD, FACS, *Houston, TX*

Thomas S. Huber, MD, FACS, *Gainesville, FL*

Jeffrey H. Lawson, MD, FACS, *Durham, NC*

### Session II: Venous Disease / Mesenteric Ischemia

Wednesday, 10:45 am - 12:15 pm

MODERATOR:

William D. Jordan, Jr., MD, FACS, *Birmingham, AL*

IVC Filters: Data, Types, Techniques, and Retrieval  
Leila Mureebe, MD, FACS, *Durham, NC*

Varicose Veins EVLT, RF, Stripping

Ellen D. Dillavou, MD, FACS, *Pittsburgh, PA*

Central Venous Access in 2013 Devices, Techniques, Imaging

Roberto E. Kusminsky, MD, MPH, FACS, *Charleston, WV*

Rx Iliofemoral DVTs, Anticoagulation, Lysis, and Surgery

Peter K. Henke, MD, FACS, *Ann Arbor, MI*

#### Panel Discussion

William D. Jordan, Jr., MD, FACS, *Birmingham, AL*

Leila Mureebe, MD, FACS, *Durham, NC*

Ellen D. Dillavou, MD, FACS, *Pittsburgh, PA*

Roberto E. Kusminsky, MD, MPH, FACS, *Charleston, WV*

Peter K. Henke, MD, FACS, *Ann Arbor, MI*

### Session III: Aortic Disease and Vascular Trauma

Wednesday, 1:15 - 2:45 pm

MODERATOR: Cynthia K. Shortell, MD, FACS, *Durham, NC*

Ruptured Aneurysms: Open and Endo Management  
Benjamin W. Starnes, MD, FACS, *Seattle, WA*

Acute Mesenteric Ischemia

Manju Kalra, MB,BS, *Rochester, MN*

Aortoiliac Occlusive Disease: Open to Endo Results and Tips

Jean M. Panneton, MD, FACS, FRCSC, *Norfolk, VA*

Artery Trauma Open and Endo Management (Neck, Central, Peripheral Shunts Complex Extremity Trauma: Dealing with Bones, Muscles, and Vasculature Combined)

Michael C. Stoner, MD, FACS, *Greenville, NC*

#### Panel Discussion

Cynthia K. Shortell, MD, FACS, *Durham, NC*

Benjamin W. Starnes, MD, FACS, *Seattle, WA*

Manju Kalra, MB, BS, *Rochester, MN*

Jean M. Panneton, MD, FACS, FRCSC, *Norfolk, VA*

Michael C. Stoner, MD, FACS, *Greenville, NC*

### Session IV: Peripheral and Carotid Arterial Disease

Wednesday, 3:00 - 4:30 pm

MODERATOR:

William D. Jordan, Jr., MD, FACS, *Birmingham, AL*

Update on Current Carotid Disease Management 2013: Statins, Stents, Surgery

Jeffery B. Dattilo, MD, FACS, *Nashville, TN*

Acute Limb Ischemia: Management Options, Open and Endovascular

Vikram S. Kashyap, MD, FACS, *Cleveland, OH*

Critical Limb Ischemia Revascularization Strategies with Endovascular Treatments

Benjamin J. Pearce, MD, FACS, *San Antonio, TX*

Critical Limb Ischemia Revascularization Strategies with Venous and Prosthetic Bypass

Joseph L. Mills, MD, FACS, *Tucson, AZ*

#### Panel Discussion

William D. Jordan, Jr., MD, FACS, *Birmingham, AL*

Jeffery B. Dattilo, MD, FACS, *Nashville, TN*

Vikram S. Kashyap, MD, FACS, *Cleveland, OH*

Benjamin J. Pearce, MD, FACS, *San Antonio, TX*

Joseph L. Mills, MD, FACS, *Tucson, AZ*

*Sponsored by the Advisory Council for Vascular Surgery*



# Meet-the-Expert Luncheons

Converse with experts on selected topics over an informal lunch with colleagues. Case-based discussions are encouraged. Cost for each luncheon is \$45 and preregistration is required. Registration cut-off is at 10:00 am for the luncheons scheduled on that day. Seating capacity is limited.

*All luncheons will take place in the Walter E. Washington Convention Center. See room number below:*

## Monday, October 7

**1:15 - 2:15 pm**

### **ME101 Burning Issues in Surgical Ethics: Collaborations with Industry and Potential Conflicts of Interest**

*Location: 203A*

TRACKS: ETH, GEN

FACILITATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

### **ME102 Sportsman's Hernia: Is It Real?**

*Location: 148*

TRACKS: GEN

FACILITATOR: L. Michael Brunt, MD, FACS, *St. Louis, MO*

### **ME103 Endoscopic Retrograde Cholangiopancreatography (ERCP): How to Incorporate into a General Surgery Practice**

*Location: 158A*

TRACK: GEN

FACILITATOR: Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*

### **ME104 Retroperitoneal Adrenalectomy**

*Location: 158B*

TRACK: GEN

FACILITATOR: Nancy D. Perrier, MD, FACS, *Houston, TX*

### **ME105 Advancing the Use of Ultrasound in Acute Care Surgery**

*Location: 153*

TRACK: GEN

FACILITATOR: Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

### **ME106 Personalized Medicine for Breast Cancer**

*Location: 142*

TRACKS: GEN, ONC

FACILITATOR: Ingrid M. Meszoely, MD, FACS, *Nashville, TN*

### **ME107 Pilonidal Disease**

*Location: 141*

TRACK: CRS

FACILITATOR: Herand Abcarian, MD, FACS, *Chicago, IL*

### **ME108 How to Get Your Research Published**

*Location: 156*

TRACK: GEN

FACILITATOR: Keith D. Lillemoe, MD, FACS, *Boston, MA*

### **ME109 I Got Sued: Now What?**

*Location: 159A*

TRACK: GEN

FACILITATOR: Terrell C. Hicks, MD, FACS, *New Orleans, LA*

### **ME110 Anal Neoplasia**

*Location: 159B*

TRACK: CRS

FACILITATOR: Rocco Ricciardi, MD, MPH, FACS, FASCRS, *Burlington, MA*

### **ME111 Parathyroid Disease**

*Location: 155*

TRACK: OTO

FACILITATOR: Herbert Chen, MD, FACS, *Madison, WI*

### **ME112 Nonoperative Management of Solid Organ Injuries**

*Location: 203B*

TRACK: GEN

FACILITATOR: Daniel L. Dent, MD, FACS, *San Antonio, TX*

## Tuesday, October 8

**11:30 am - 12:30 pm**

### **ME201 How to Mentor a Newly Trained Partner**

*Location: 148*

TRACKS: EDU, GEN

FACILITATOR: Barbara L. Bass, MD, FACS, *Houston, TX*

### **ME202 Who Says Yes, and Who Says No: The Role of the Surgeon in Palliative Care**

*Location: 153*

TRACKS: ETH, GEN

FACILITATOR: Bridget N. Fahy, MD, FACS, *Houston, TX*

### **ME203 New Concepts in Breast Cancer**

*Location: 156*

TRACK: ONC

FACILITATOR: Hiram S. Cody III, MD, FACS, *New York, NY*

### **ME204 Treatment of Early Low Rectal Cancer: Chemoradiation Therapy, Transanal Resection, or Coloanal?**

*Location: 158A*

TRACK: CRS

FACILITATOR: Philip B. Paty, MD, FACS, *New York, NY*

### **ME205 Barrett's Esophagus**

*Location: 159A*

TRACK: OTO

FACILITATOR: Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

### **ME206 Diverticulitis: To Operate or Not To Operate? This Is the Question**

*Location: 155*

TRACKS: CRS, GEN

FACILITATOR: James W. Fleshman, MD, FACS, FASCRS, *Dallas, TX*

**ME207 Mesh for Hernia Repair: The Good, the Bad, and the Ugly**

*Location: 141*

TRACK: GEN

FACILITATOR: Brent D. Matthews, MD, FACS, *St. Louis, MO*

**ME208 The Difficult Gallbladder: Tricks of the Trade**

*Location: 142*

TRACK: GEN

FACILITATOR: Nathaniel J. Soper, MD, FACS, *Chicago, IL*

**ME209 Crohn's Disease: Basic Principles to Steer You Away from Trouble**

*Location: 159B*

TRACK: CRS

FACILITATOR: Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

**ME210 Developing a Robotic Surgery Program in Urology**

*Location: 158B*

TRACKS: GEN, URO

FACILITATOR: David I. Lee, MD, FACS, *Philadelphia, PA*

**ME211 Management of Gastroesophageal Reflux Disease (GERD) in the Obese Patient**

*Location: 203A*

TRACK: GEN

FACILITATOR: Jon C. Gould, MD, FACS, *Milwaukee, WI*

**ME212 Necrotizing Fasciitis**

*Location: 209A*

TRACK: GEN

FACILITATOR: Gerald B. Demarest, MD, FACS, *Albuquerque, NM*

**ME213 Pediatric Urologic Surgery**

*Location: 203B*

TRACKS: PED, URO

FACILITATOR: David A. Bloom, MD, FACS, *Ann Arbor, MI*

## Wednesday, October 9

**11:30 am - 12:30 pm**

**ME301 Hemorrhoids**

*Location: 153*

TRACK: CRS

FACILITATOR: Richard J. Yarger, MD, FACS, *Yakima, WA*

**ME302 Recurrent Esophageal Symptoms after Nissen Fundoplication**

*Location: 148*

TRACK: OTO

FACILITATOR: S. Scott Davis, Jr., MD, FACS, *Atlanta, GA*

**ME303 Radiological Workup and the Breast**

*Location: 159A*

TRACKS: GEN, ONC

FACILITATOR: Lisa A. Newman, MD, FACS, *Ann Arbor, MI*

**ME304 Laparoscopic Colectomy: Tips and Tricks**

*Location: 141*

TRACK: CRS

FACILITATOR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

**ME305 Critical Issues in Laparoscopic Ventral Hernia Repair**

*Location: 203A*

TRACK: GEN

FACILITATOR: Karl A. LeBlanc, MD, FACS, *Baton Rouge, LA*

**ME306 Rectal Cancer—Advanced**

*Location: 158A*

TRACK: CRS

FACILITATOR: George J. Chang, MD, FACS, *Houston, TX*

**ME307 Preparing for American Board of Surgery (ABS) Recertification: Don't Sweat It...or Maybe...**

*Location: 158B*

TRACKS: EDU, GEN

FACILITATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

**ME308 Management of the Axilla in Breast Cancer in 2013**

*Location: 156*

TRACK: ONC

FACILITATOR: Eric B. Whitacre, MD, FACS, *Tucson, AZ*

**ME309 How to Create Your Own Bundled Payment for Surgical Reimbursement**

*Location: 159B*

TRACKS: GEN, HP

FACILITATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

**ME310 Thyroid Surgery: Tips for Staying Out of Trouble**

*Location: 142*

TRACK: OTO

FACILITATOR: David J. Terris, MD, FACS, *Augusta, GA*

**ME311 The Role of Surgeons in Reducing Never Events**

*Location: 155*

TRACK: GEN

FACILITATOR: T. Forcht Dagi, MD, FACS, *Newton Centre, MA*

**ME312 Clostridium Difficile Colitis: Is It Getting Out of Hand?**

*Location: 203B*

TRACKS: CRS, GEN

FACILITATOR: John C. Alverdy, MD, FACS, *Chicago, IL*

# Panel Sessions

## Monday, October 7

**PS100 | 9:45 - 11:15 am**

**Acute Cholecystitis: What to Do When the Patient Is Too Sick?**

*Location: Ballroom AB*



TRACK: GEN

MODERATOR: Soumitra R. Eachempati, MD, FACS, *New York, NY*

CO-MODERATOR: R. Lawrence Reed II, MD, FACS, *Indianapolis, IN*

We have all seen the improvement of outcomes following the laparoscopic revolution. However, because of the ability of modern medicine to prolong the lives of more patients, the surgeon is frequently asked to evaluate very ill patients with acute cholecystitis. This may or may not be due to the cholecystitis itself. Patients frequently have end-stage cardiac disease, renal failure, severe pancreatitis, immunosuppression, sepsis, severe chronic obstructive pulmonary disease (COPD), and so on. In many settings, nonoperative management is the best first line of care. This session will address which patient is best served by this treatment, how that patient is treated acutely (what can and should be done), and subsequent operative intervention. Individual considerations for any of these special circumstances will also be offered.

**Who Is Too High-Risk for Acute Cholecystectomy?**

Ron P. Albarado, MD, *Houston, TX*

**Damage Control Interventions for Standard Cholecystectomy When Contraindications Exist**

S. Rob Todd, MD, FACS, *New York, NY*

**What Is the Role of Delayed Cholecystectomy After Acute Cholecystitis?**

Christine S. Cocanour, MD, FACS, *Sacramento, CA*

*Sponsored by the Advisory Council for General Surgery*

**PS101 | 9:45 - 11:15 am**

**Abdominal Wall Reconstruction in an Infected Field**

*Location: Ballroom C*



TRACK: GEN

MODERATOR: Brent D. Matthews, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Timothy C. Fabian, MD, FACS, *Memphis, TN*

You have just finished a difficult operation for enterocutaneous fistula in a patient with a ventral incisional hernia. You are now faced with the daunting task of reconstructing the abdominal wall. Should you use synthetic mesh or biologic mesh, perform myofascial release or suture repair, or should you consult a plastic surgeon for flap reconstruction? This multidisciplinary panel will give insights into how to safely rebuild a patient's abdominal wall after operation for

enterocutaneous fistula. Speakers will come from the fields of general and plastic surgery.

**Preoperative Management of Enterocutaneous Fistula: Preparing for Fistula Takedown and Abdominal Wall Reconstruction**

Michael G. Sarr, MD, FACS, *Rochester, MN*

**Abdominal Wall Reconstruction After Takedown of Enterocutaneous Fistula: Single Stages vs. Delayed Repair**

Michael J. Rosen, MD, FACS, *Solon, OH*

**Abdominal Wall Reconstruction in an Infected Field: When Is It Appropriate to Utilize Synthetic Mesh?**

Alfredo M. Carbonell II, DO, FACS, FACOS, *Greenville, SC*

**Cutaneous, Fasciocutaneous, and Myocutaneous Flaps to Augment Abdominal Wall Reconstruction in an Infected Field: Plastic Surgeon Perspective**

Charles E. Butler, MD, FACS, *Houston, TX*

*Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery*

**PS102 | 9:45 - 11:15 am**

**Controversies in the Surgical Treatment of Pancreatic Cancer**

*Location: 202*



TRACKS: GEN, ONC

MODERATOR: Mark P. Callery, MD, FACS, *Boston, MA*

CO-MODERATOR: Charles J. Yeo, MD, FACS, *Philadelphia, PA*

The perioperative mortality of resection for pancreatic cancer has steadily declined. Systemic therapy has also steadily improved. This session will evaluate the effect of surgical therapy on both survival and quality of life. The interplay of systemic therapy and resection in both the preoperative and postoperative setting will be discussed. Experts will also discuss the efficacy of vascular resection in patients with locally advanced disease.

**Pancreas Cancer Care Guidelines: Purpose, Value, and Compliance**

Brendan C. Visser, MD, FACS, *Stanford, CA*

**Systemic Therapy: Combined Agents, Bio-Targets... New Hope?**

Andrew M. Lowy, MD, FACS, *La Jolla, CA*

**Surgical Options and Strategy: How to Remove and How Much?**

Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*

**Locally Advanced Pancreas Cancer: What Is the Best Approach?**

Sharon M. Weber, MD, FACS, *Madison, WI*

**Quality Metrics: Which Matter Most to Patients and Doctors?**

John A. Chabot, MD, FACS, *New York, NY*

*Sponsored by the Program Committee and the Advisory Council for General Surgery*

PS103 | 9:45 - 11:15 am

**"What Do You Mean, I Might Need an Operation? I Feel Fine...": Endocrine Incidentalomas—Work-Up and Management**  
*Location: 145*

TRACK: GEN

MODERATOR: Jeffrey F. Moley, MD, FACS, *St. Louis, MO*  
 CO-MODERATOR: Nancy D. Perrier, MD, FACS, *Houston, TX*

The finding of "incidental" masses or abnormal laboratory values demands important and cost-effective surgical decision-making. Four recognized general/endocrine surgeons will discuss the work-up, management, and possible preoperative or intraoperative "tricks" in dealing with incidental thyroid, adrenal, or pancreatic masses, incidental hypercalcemia in the hospitalized (or ambulatory) patient. Cost effectiveness, quality measures, and discussion of appropriateness of consultation and management will be discussed.

Thyroid Mass: Detected on Ultrasound, Positron Emission Tomography (PET) Scan and Computed Tomography Scan

Kresimira M. Milas, MD, FACS, *Portland, OR*

Adrenal Mass: Detected on Computed Tomography of the Abdomen for Other Reason. Biochemical Work-Up?

John B. Hanks, MD, FACS, *Charlottesville, VA*

Pancreas Cystic Mass in Tail of Pancreas on Computed Tomography Scan of Chest: What's Next?

Gerard M. Doherty, MD, FACS, *Boston, MA*

Asymptomatic Hyperparathyroidism: High Calcium on Annual Exam. Concomitant Elevated Parathyroid Hormone Surgery?

Sally E. Carty, MD, FACS, *Pittsburgh, PA*

*Sponsored by the Advisory Council for General Surgery*

PS104 | 9:45 - 11:15 am

**The Toughest Trauma Case I Ever Had**  
*Location: 207*

TRACKS: GEN, TRA

MODERATOR: Andre R. Campbell, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Martin A. Croce, MD, FACS, *Memphis, TN*

Five respected trauma surgeons present the toughest cases they ever had and what they did to manage the patient. The other panelists will critique and propose alternative treatment plans.

Case Presentation

Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

Case Presentation

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Case Presentation

Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Case Presentation

James W. Davis, MD, FACS, *Fresno, CA*



Case Presentation

Nicholas Namias, MD, FACS, FCCM, *Miami, FL*

*Sponsored by the Advisory Council for General Surgery and the Committee on Trauma*

PS105 | 9:45 - 11:15 am

**Management of Hereditary Colon Cancer Syndromes**  
*Location: 152*

TRACKS: CRS, ONC

MODERATOR: Stephen J. Dreyer, MD, FACS, *Fremont, NE*

CO-MODERATOR: Magesh Sundaram, MD, FACS, *Urbana, IL*

CO-MODERATOR: Robert R. Cima, MD, FACS, FASCRS, *Rochester, MN*

The purpose of this session is to provide general surgeons with practical knowledge regarding preoperative evaluation, surgical management, and follow-up strategies for colorectal cancer patients with Lynch Syndrome and Familial Adenomatous Polyposis Syndrome. Discussions will focus on the multiple issues of each syndrome and associated malignancies, all of which need appropriate work-up prior to surgical planning and possible combined procedures during the index operation. There will also be discussion regarding recommendations for specific organ surveillance for the different types of malignancies associated with these syndromes.

**Lynch Syndrome**

Lynch Syndrome: The Definition and Spectrum of Sites

Stephen J. Dreyer, MD, FACS, *Fremont, NE*

Evaluation and Management of the Young Colon Cancer Patient Evaluation: What to Do If the Lynch Syndrome Is Discovered?

Robert R. Cima, MD, FACS, FASCRS, *Rochester, MN*

Surveillance Plan and Preventive Measures for Proband and Affected Relatives that Are Known to be Effective in Reducing Morbidity and Mortality

Magesh Sundaram, MD, FACS, *Urbana, IL*

Advantage of Universal Screening of New Colon Cancers for Lynch Syndrome

Stephen J. Dreyer, MD, FACS, *Fremont, NE*

**Familial Adenomatous Polyposis Syndrome**

Familial Adenomatous Polyposis Syndrome: The Definition, and Spectrum of Sites Involved

Stephen J. Dreyer, MD, FACS, *Fremont, NE*

Evaluation and Management of Two Patients with Multiple Polyps

Robert R. Cima, MD, FACS, FASCRS, *Rochester, MN*

Value of Surveillance and Preventive Procedures for Duodenal Polyps: Assessment and Management of Desmoids

Magesh Sundaram, MD, FACS, *Urbana, IL*

*Sponsored by the Commission on Cancer and the Advisory Council for Colon and Rectal Surgery*



**PS106 | 9:45 am - 1:00 pm****Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2013 Volunteerism and Humanitarian Award Winners***Location: 154*

TRACKS: GEN, HUM, INT

MODERATOR: Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*CO-MODERATOR: Kathleen M. Casey, MD, FACS, *Newport, RI*

This plenary session showcases the 2013 Volunteerism and Humanitarian Award winners who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. The honorees' stories will be complemented with presentations by other innovators and leaders in surgical outreach to create a robust portrayal of this complex work. Together, they will form the basis for a lively question-and-answer segment at the conclusion of the session.

Global Humanitarian Medicine: Ships Are Safe in the Harbors, but They Are Not Meant to Be There

Donald R. Laub, Sr., MD, FACS, *Stanford, CA*

Transferring Talent: One Surgeon's Journey on Making a Difference

Ingida Asfaw, MD, FACS, *Pontiac, MI*

Adversity, Diversity, and Volunteerism

Jerone T. Landström, MD, FACS, *Tamuning, Guam*

Ubuntu in Global Surgery: Institutional Partnership as a Model for Development

Katrina B. Mitchell, MD, *New York, NY*

*Sponsored by Operation Giving Back and the Governors Committee on Socioeconomic Issues*

**PS107 | 11:30 am - 1:00 pm****Complicated Diverticulitis: To Resect or Not?***Location: Ballroom AB*

TRACKS: CRS, GEN

MODERATOR: Najjia N. Mahmoud, MD, FACS, FASCRS, *Philadelphia, PA*CO-MODERATOR: Charles P. Heise, MD, FACS, *Madison, WI*

Surgeons decide whether to resect for diverticulitis based on numerous familiar factors, such as presence of an abscess, obstruction, fistula, and major perforation. Other more subtle decisions are made based on patient comorbidities, such as the necessity for immunosuppression, age, and number of episodes. Treatment options are controversial and not necessarily standardized. Panelists will discuss the data regarding various methods of abscess drainage, including laparoscopy and interventional radiology, and discuss when it is safe to use antibiotics alone. Timing of surgery in both complicated and uncomplicated diverticulitis and the treatment of special populations will be discussed as well.

Uncomplicated Diverticulitis: Etiology and Treatment

Justin A. Maykel, MD, FACS, *Worcester, MA*

Complicated Diverticulitis: Interventional Radiology Drainage vs. Antibiotics

Steven R. Hunt, MD, FACS, *St. Louis, MO*

Minimally Invasive Washout for Complicated Diverticulitis: What Is the Evidence?

Christianne J. Buskens, MD, PhD, *Amsterdam, The Netherlands*

Treatment of Diverticulitis in the Immunosuppressed Population: Are There Differences?

Traci L. Hedrick, MD, *Charlottesville, VA*

*Sponsored by the Advisory Council for General Surgery*

**PS108 | 11:30 am - 1:00 pm****Controversies in Thyroid Surgery***Location: Ballroom C*

TRACKS: GEN, OTO

MODERATOR: John B. Hanks, MD, FACS, *Charlottesville, VA*CO-MODERATOR: Ralph P. Tufano, MD, FACS, *Baltimore, MD*

This panel will discuss preoperative voice evaluation, intraoperative nerve monitoring, the use of molecular markers in surgical decision-making, and the evidence for central lymph node dissection for well-differentiated thyroid cancer. The panel also will discuss the quality and outcome measures that are appropriate and the role of volume in determining quality.

What Is the Role of Preoperative Voice Assessment and Intraoperative Neuromonitoring in Thyroid Surgery?

Ralph P. Tufano, MD, FACS, *Baltimore, MD*

Molecular Markers and the Work-Up of Thyroid Nodules: Is It Really Helpful?

David J. Terris, MD, FACS, *Augusta, GA*

Prophylactic Central Lymph Node Dissection for Well-Differentiated Thyroid Cancer: Worth It or Not?

Christopher R. McHenry, MD, FACS, *Cleveland, OH*

Quality Metrics for Thyroid Surgery: Who Does What? What Should We Measure? Who Owns the Data?

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

*Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head & Neck Surgery*

**PS109 | 11:30 am - 1:00 pm****Augmented Reality: Real-Time, Image-Navigated Abdominal Surgery***Location: 152*

TRACK: GEN

MODERATOR: Brendan C. Visser, MD, FACS, *Stanford, CA*CO-MODERATOR: Carlos U. Corvera, MD, FACS, *San Francisco, CA*

Image guidance has revolutionized neurosurgery (working in a fixed space within a bony reference), but has been more difficult to apply to other areas of the body. This session will explore the remarkable technological advances that have introduced augmented reality to digestive surgery. Real-time, image-guided navigation promises to dramatically





alter the way surgeons perform open and laparoscopic abdominal surgery. Speakers will discuss the technology that is already available, including 3-D ultrasound navigation systems for laparoscopic or open tumor ablation and CT/MRI-guided liver surgery. In addition, the session will cover the exciting emerging technologies that will broaden the application of augmented reality within abdominal surgery.

Image Guidance Has Revolutionized Neurosurgery  
Jaimie M. Henderson, MD, *Stanford, CA*

Ultrasound as the Basis of GPS  
John B. Martinie, MD, FACS, *Charlotte, NC*

3-D Image-Guided Liver Surgery  
William R. Jarnagin, MD, FACS, *New York, NY*

What's Around the Corner in Image Guidance?  
Dan E. Azagury, MD, *Geneva, Switzerland*

*Sponsored by the Committee on Emerging Surgical Technology and Education*

**PS110 | 11:30 am - 1:00 pm**

**Congenital Anorectal Malformations: Transitioning to Adult Care**

*Location: 202*

TRACKS: CRS, PED

MODERATOR: Dennis P. Lund, MD, FACS, *Phoenix, AZ*  
CO-MODERATOR: David E. Beck, MD, FACS, *New Orleans, LA*

Anorectal malformations represent one of the most common congenital anomalies. Children with these disorders are now surviving in greater numbers and living a full lifespan. This session will focus on the challenges of caring for these patients in adolescence and adulthood.

Anorectal Malformations in Children: Surgical Correction and Outcomes

Jacob C. Langer, MD, FACS, *Toronto, ON*

Social Continence: Surgical Options for Bowel Management Programs

David M. Notrica, MD, FACS, FAAP, *Phoenix, AZ*

Hirschsprung's Disease: Modern Management of an Uncommon Disorder

Joshua I. Bleier, MD, FACS, *Philadelphia, PA*

Treatment Options for Adults with Anorectal Malformations and Fecal Incontinence

Anders F. Mellgren, MD, FACS, *Minneapolis, MN*

*Sponsored by the Advisory Council for Pediatric Surgery and the Advisory Council for Colon and Rectal Surgery*

**PS111 | 11:30 am - 1:00 pm**

**Contemporary Treatment of Melanoma**

*Location: 207*

TRACKS: GEN, ONC

MODERATOR: Jeffrey E. Gershenwald, MD, FACS, *Houston, TX*

CO-MODERATOR: Vernon K. Sondak, MD, FACS, *Tampa, FL*

Much has changed in recent times in the treatment of melanoma. Margins of resection and indications to lymph node dissections have been further refined

according to size, depth, and location of the primary, and new adjuvant therapies have been tested, with many more on the horizon. This panel will summarize the current state-of-the-art treatment for melanoma.

Contemporary Surgical Approach to the Patient with Localized Melanoma

Jeffrey E. Gershenwald, MD, FACS, *Houston, TX*

Adjuvant Therapy for Melanoma?

Vernon K. Sondak, MD, FACS, *Tampa, FL*

Intralesional and Regional Approaches to Melanoma Treatment: Where Are We and Where Are We Going?

Robert H. I. Andtbacka, MD, FACS, *Salt Lake City, UT*

Metastasectomy for Melanoma: What Is the Role?

Merrick I. Ross, MD, FACS, *Houston, TX*

Treatment of Advanced Melanoma in the Molecular Era: What Every Surgeon Needs to Know

Michael B. Atkins, MD, *Washington, DC*

*Sponsored by the Advisory Council for General Surgery*

**PS112 | 11:30 am - 1:00 pm**

**Medicare's Approach to Value-Based Purchasing: Aligning with the New Medicare Value-Based Payment Modifier**

*Location: 145*

TRACK: HP

MODERATOR: Linda M. Barney, MD, FACS, *Dayton, OH*  
CO-MODERATOR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*

Each year, the Centers for Medicare & Medicaid Services (CMS) makes changes to the Physician Quality Reporting System (PQRS), and the Electronic Prescribing (eRx) Programs that will affect practitioners who are paid under Medicare Part B. In addition, the implementation of a Medicare Value-Based Modifier is on the horizon and will likely impact surgical practices. Interpreting all of the new guidelines can be tricky. This session will provide an overview of the programs, their impact on surgeons, and further information on how to navigate the payment system, so your reimbursements are accurate.

Electronic Health Records 2.0

Robert S. Jasak, JD, *Washington, DC*

Pay for Reporting to Pay for Performance

Linda M. Barney, MD, FACS, *Dayton, OH*

Physician Compare and Public Reporting

Christopher K. Senkowski, MD, FACS, *Savannah, GA*

*Sponsored by the General Surgery Coding and Reimbursement Committee*

**PS113 | 2:30 - 4:00 pm**

**Benign Breast Disease: To Operate or Not to Operate? That Is the Question**

*Location: Ballroom C*

TRACK: GEN

MODERATOR: Eric B. Whitacre, MD, FACS, *Tucson, AZ*

CO-MODERATOR: Deanna J. Attai, MD, FACS, *Burbank, CA*



This session will focus on the diagnostic work-up and treatment options for both acute and chronic benign breast conditions: abscess/chronic fistulas, nipple discharge, granulomatous mastitis, adolescent, multiple fibroadenomas, and degenerating fibroadenomas. It will also address surgical management of various high-risk lesions identified in needle biopsy.

#### Management of High-Risk Lesions Identified in Needle Biopsy

Kevin S. Hughes, MD, FACS, *Boston, MA*

#### Nipple Discharge

Jill R. Dietz, MD, FACS, *Cleveland, OH*

#### Management of Fibroadenomas

Richard E. Fine, MD, FACS, *Memphis, TN*

#### Chronic/Recurrent Subareolar Abscess

Donald R. Lannin, MD, FACS, *New Haven, CT*

#### Acute Puerperal Abscess

Deanna J. Attai, MD, FACS, *Burbank, CA*

#### Granulomatous Mastitis

Eric B. Whitacre, MD, FACS, *Tucson, AZ*

*Sponsored by the Advisory Council for General Surgery*

#### PS114 | 2:30 - 4:00 pm

#### Initiates' Program: Titrating Your Leadership Skills—A Primer for Young Surgeons

*Location: 152*

TRACKS: EDU, HP, RES/MED

MODERATOR: Jacob Moalem, MD, FACS, *Rochester, NY*

CO-MODERATOR: S. Rob Todd, MD, FACS, *New York, NY*

To be successful, surgeons need outstanding leadership skills. Without formal leadership training, they must adapt their approach and leadership style to a variety of different settings. Surgeons should be able to nimbly transition among environments where they are the captain of the ship to other situations, like institutional committee meetings, departmental educational sessions, and community events, where despite a relatively junior status, they are expected to exhibit good leadership. What are effective (and ineffective) leadership styles? How should these be adjusted depending on the mix of surgeons, patients, students, and staff who are in the audience? How can an individual switch leadership styles? Our expert panel will offer practical advice on how to optimally manage common and challenging professional dilemmas.

#### Titration Your Leadership Skills

Herbert Chen, MD, FACS, *Madison, WI*

#### Titration Your Leadership Skills

Patricia L. Turner, MD, FACS, *Chicago, IL*

#### Titration Your Leadership Skills

Laurel C. Soot, MD, FACS, *Portland, OR*

*Sponsored by the Young Fellows Association*

#### PS115 | 2:30 - 4:00 pm

#### Anorectal Disease: Contemporary Management

*Location: Ballroom AB*

TRACK: CRS

MODERATOR: Tracy L. Hull, MD, FACS, *Cleveland, OH*

CO-MODERATOR: Massarat Zutshi, MB, BS, FACS, *Cleveland, OH*

Disorders of the anorectum, such as hemorrhoids, fissures, fistula in ano, and pilonidal disease, have afflicted humans for eons. Traditional surgical techniques to cure these anorectal problems sometimes are associated with pain, recurrence, and fecal incontinence. In the last two decades, new therapies have been developed to relieve symptoms without the risk of substantial disability. This panel will debate the role of new and old treatments for common anorectal maladies. Techniques that will be discussed include: doppler-guided hemorrhoidopexy, stapled hemorrhoidopexy, excisional hemorrhoidectomy and banding for symptomatic hemorrhoids, calcium channel blockers, Botox injection and sphincterotomy for fissure, fistula plug, fibrin glue, ligation intersphincteric fistula tract procedure, and fistulotomy for fistula in ano, drainage, and simple excision versus flap repair for pilonidal disease.

#### Fissures: Creams, Lotions, and Potions vs. Surgery

Martin A. Luchtefeld, MD, FACS, *Grand Rapids, MI*

#### Fistula: Unroof, Flap, Plug, or What?

Brian R. Kann, MD, FACS, *Philadelphia, PA*

#### Pilonidal Disease: Do I Flap or Unroof?

Harry T. Papaconstantinou, MD, FACS, FASCRS, *Temple, TX*

#### Hemorrhoids: When to Use the New Treatment Options and When to Rely on the Traditional Excision

Massarat Zutshi, MB, BS, FACS, *Cleveland, OH*

*Sponsored by the Advisory Council for Colon and Rectal Surgery*

#### PS116 | 2:30 - 4:00 pm

#### Approach to Neck Masses in Adults and Children

*Location: 154*

TRACKS: OTO, PED

MODERATOR: Stephen E. Dolgin, MD, FACS, *New Hyde Park, NY*

CO-MODERATOR: Christine G. Gourin, MD, FACS, *Baltimore, MD*

This panel provides a case-based discussion focused on clinical management of neck masses emphasizing which patients need biopsies and what type and which need imaging and what type. The operative timing and approach will be reviewed. The goal is to avoid common pitfalls in the clinical management of neck masses in adults and children. Problems presented will be oncologic, inflammatory, and congenital.

#### Case Presentations

Jose M. Prince, MD, FACS, *New Hyde Park, NY*

#### Case Presentations

Lee P. Smith, MD, *New Hyde Park, NY*



## Case Presentations

Anthony P. Tufaro, MD, FACS, *Baltimore, MD*

## Case Presentations

Rodney J. Taylor, MD, MPH, FACS, *Baltimore, MD*

*Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery and the Advisory Council for Pediatric Surgery*

**PS117 | 2:30 - 4:00 pm****Chest Wall Resection and Reconstruction**

*Location: 207*

TRACKS: CTS, PLA

MODERATOR: Joe B. Putnam, MD, FACS, *Nashville, TN*

CO-MODERATOR: Richard S. Stahl, MD, FACS, *Guilford, CT*

The session will focus on the evaluation and surgical treatment of chest wall tumors and reconstruction of resultant defects. The course will provide a broad overview of preoperative imaging, patient selection and principles of surgical resection, and options for reconstruction of resultant defects. The discussion will include consideration of how the addition of radiation therapy affects treatment.

## Imaging of Chest Wall Tumors

Gregory W. Gladish, MD, *Houston, TX*

## Principles, Techniques, and Results of Multidisciplinary Treatment of Primary and Secondary Chest Wall Tumors

Mark D. Iannettoni, MD, FACS, *Iowa City, IA*

## Principles, Choices, and Controversies in Chest Wall Reconstruction

Patrick B. Garvey, MD, FACS, *Houston, TX*

## Case Presentation

Joe B. Putnam, MD, FACS, *Nashville, TN*

## Case Presentation

Richard S. Stahl, MD, FACS, *Guilford, CT*

*Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery and the Advisory Council for Cardiothoracic Surgery*

**PS118 | 2:30 - 4:00 pm****Diagnosis and Management of the Diabetic Foot**

*Location: 145*

TRACK: VAS

MODERATOR: Richard F. Neville, MD, FACS, *Washington, DC*

CO-MODERATOR: John S. Steinberg, DPM, FACFAS, *Washington, DC*

This panel will discuss issues of interest to surgeons who manage patients with diabetic feet. Topics to be discussed include: contemporary methods of diagnosis, treatment of arterial disease, including open and endovascular procedures, wound care centers and the role of hyperbaric oxygen, and how to work with multispecialty practitioners including podiatrists. In addition, the panel will discuss the contemporary issues in the diagnosis and management of lower extremity peripheral arterial disease (PAD), focusing on general surgeons who see PAD in their practice. Topics to be discussed include: The role of surgical

versus medical versus interventional management, superficial femoral artery stents as a preliminary en-tree to limb salvage procedures, and when to amputate and what level.

## Diabetic Vascular Disease: Let's Separate Fact from Fiction

Gary W. Gibbons, MD, FACS, *Weymouth, MA*

## Update on Diabetic Wound Care: Does Hyperbaric Oxygen Therapy Have a Role?

John S. Steinberg, DPM, FACFAS, *Washington, DC*

## Revascularization of the Diabetic Limb for Healing and Amputation Prevention

Joseph L. Mills, MD, FACS, *Tucson, AZ*

## Amputation: When and at What Level?

Jayer Chung, MD, FACS, *Dallas, TX*

## Limb Preservation Program: Clinical and Financial Implications

Richard F. Neville, MD, FACS, *Washington, DC*

*Sponsored by the Advisory Council for Vascular Surgery*

**PS119 | 2:30 - 4:00 pm****Translational Medicine: A Vital Role for Surgeons?**

*Location: 206*

TRACK: ONC

MODERATOR: Monica M. Bertagnolli, MD, FACS, *Boston, MA*

CO-MODERATOR: Jiping Wang, MD, *Boston, MA*

Translational research has gained tremendous attention in the last decade. The advancement in sequencing technology, genomics, and epigenetic research, including DNA methylation and histone modification, has become clinically relevant. In fact, some of the results changed the clinical practice of surgeons. The degree of involvement in translational research among surgeons is disproportional to the effort placed to create research resources. Surgeons have firsthand information regarding the patient's clinical information and are involved in every aspect of cancer prevention, treatment, monitoring response, and tumor recurrence. In addition to these are tumor tissue, blood, and other biological materials. Surgeons designed and conducted high-quality clinical trials, as well as created high-quality data and biological tissue bank. What role should surgeons play in translational research? How can we access resources that we have created?

## Translating Modern Immunology into Effective Treatments for Patients with Cancer

Steven A. Rosenberg, MD, PhD, *Bethesda, MD*

## Developing an Implantable Chemotherapy Delivery Device to Improve Local Control Following Surgery for Solid Tumors

Yolonda L. Colson, MD, PhD, FACS, *Boston, MA*

## Overcoming Immunoresponse to Improve Postoperative Outcomes for Glioma Patients

Andrew T. Parsa, MD, PhD, *San Francisco, CA*

*Sponsored by the Surgical Research Committee and the Committee for the Forum on Fundamental Surgical Problems*



**PS120 | 2:30 - 5:45 pm****Latin America Day: Hepatobiliary Surgery***Location: 201*

TRACKS: GEN, INT

MODERATOR: Alberto Chousleb, MD, FACS, *Mexico City, Mexico*CO-MODERATOR: Raul J. Rosenthal, MD, FACS, FASMBS, *Weston, FL*

This session will be presented by Latin American experts and cover the following topics: liver and common duct surgery, common bile duct injuries and how to avoid and repair them, endoscopic approach for diagnosis and treatment, liver laparoscopic management of benign tumors and cyst, laparoscopic liver resection for malignant diseases, and laparoscopic palliative procedure for metastatic tumors.

**Liver and Common Duct Surgery**Alberto Chousleb, MD, FACS, *Mexico City, Mexico*Raul J. Rosenthal, MD, FACS, FASMBS, *Weston, FL***Common Bile Duct Injuries: How to Avoid Them and Early Repair**Alberto Chousleb, MD, FACS, *Mexico City, Mexico***Current Approaches of Common Bile Duct in Patients with Previous Gastric Bypass**Raul J. Rosenthal, MD, FACS, FASMBS, *Weston, FL***Choledochal Cyst Minimally Invasive Surgery Treatment**Jose M. De Vinatea, MD, PhD, FACS, FRCS, *Lima, Peru***Panel Discussion****Liver Transplantation in Latin America: Present and Future**Juan Hepp K., MD, FACS, *Santiago, Chile***Laparoscopic Management of Benign Liver Tumors and Cysts**Luis A. Ruso, MD, FACS, *Montevideo, Uruguay***Laparoscopic Liver Resection for Malignant Tumors**Marcelo A. F. Ribeiro, Jr., MD, FACS, *São Paulo, Brazil*

*Sponsored by the Program Committee and the Federación Latinoamericana de Cirugía*

**PS121 | 4:15 - 5:45 pm****Bleeding Ulcer: Endoscopy Suite, Interventional Radiology, or Operating Room (OR)?***Location: Ballroom AB*

TRACK: GEN

MODERATOR: Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*  
CO-MODERATOR: Brian J. Dunkin, MD, FACS, *Houston, TX*

Acute upper gastrointestinal (UGI) bleeding is a prevalent and clinically significant condition. Gastro-duodenal lesions account for the majority of these UGI bleeds. Is the interventional radiology suite for a bleeding posterior duodenal ulcer the best choice after endoscopic failure? Numerous collaterals exist with an ulcer that has eroded into the gastroduodenal artery. If numerous collaterals are embolized, the potential for bowel necrosis increases. Which patients might be candidates for going to the interventional

radiology suite (such as poor surgical candidate) versus the OR? What procedure should be performed if patients are taken to the OR?

**Endoscopic Approach to Bleeding Ulcer**Brian J. Dunkin, MD, FACS, *Houston, TX***Interventional Radiology Approach to Bleeding Ulcer**Mark Sands, MD, *Cleveland, OH***Surgical Approach to Bleeding Ulcer**Michael J. Rosen, MD, FACS, *Solon, OH*

*Sponsored by the Advisory Council for General Surgery*

**PS122 | 4:15 - 5:45 pm****Advances to the Care of Surgical Patients Through Contributions of the Journal of the American College of Surgeons and the BJS: Centennial Report***Location: 206*

TRACKS: CEN, GEN

MODERATOR: Timothy J. Eberlein, MD, FACS, *St. Louis, MO*CO-MODERATOR: O. James Garden, MD, FRCS(Ed), FRCP(Ed), FRACS(Hon), FRCPSC(Hon), FRSE, *Edinburgh, United Kingdom*

This symposium occurs on the occasion of the 100-year anniversary of the American College of Surgeons (ACS), and 100 years of publishing by the *BJS*. Distinguished speakers on different topics in surgery from the U.S. and the U.K., will highlight the past historical contributions of each journal, as well as discuss current, up-to-date information and make projections about the future for the care of surgical patients in relation to their topics. The symposium will both celebrate the 100th anniversary of the ACS and recognize the importance of international collaboration in surgery. A reception hosted by Elsevier will immediately follow.

**Role of the American College of Surgeons in Publication of Scientific Information**David L. Nahrwold, MD, FACS, *Northbrook, IL***The Future of Surgical Publishing: A European View**Derek Alderson, MD, FRCS, *Birmingham, United Kingdom***The Role of ACS NSQIP® and Outcomes Research in Surgical Care**Bruce L. Hall, MD, PhD, FACS, *St. Louis, MO***International Collaboration in Surgical Research**Kjetil Søreide, MD, PhD, *Stavanger, Norway*

*Sponsored by the Journal of the American College of Surgeons*

**PS123 | 4:15 - 5:45 pm****Update in Carotid Disease Diagnosis and Treatment***Location: 151A*

TRACK: VAS

MODERATOR: Caron B. Rockman, MD, FACS, *New York, NY*  
CO-MODERATOR: Glenn R. Jacobowitz, MD, FACS, *New York, NY*

This panel will discuss the contemporary diagnosis and treatment of carotid disease. Topics to be dis-

cussed include: controversies and updated issues regarding asymptomatic carotid disease, the effects of carotid disease and interventions on neurocognitive function, defining and treating the high-risk patient with carotid stenosis, the timing of carotid intervention after an acute stroke, and the current role of carotid artery angioplasty and stenting in surgical practice.

#### Controversies and Updated Issues Regarding Asymptomatic Carotid Disease

Peter L. Faries, MD, FACS, *New York, NY*

#### Updates Regarding the Effects of Carotid Artery Disease and Carotid Artery Interventions on Neurocognitive Function

Wei Zhou, MD, FACS, *Stanford, CA*

#### Defining and Treating the High-Risk Patient for Carotid Artery Interventions

Marc L. Schermerhorn, MD, FACS, *Boston, MA*

#### Controversies Regarding the Timing of Carotid Artery Intervention after an Acute Stroke

Mark K. Eskandari, MD, FACS, *Chicago, IL*

#### Updates in the Role of Carotid Artery Angioplasty and Stenting in Surgical Practice

Carlos H. Timaran, MD, FACS, *Dallas, TX*

*Sponsored by the Advisory Council for Vascular Surgery*

#### PS124 | 4:15 - 5:45 pm

#### Controversies in Parathyroid Surgery

*Location: 207*

TRACKS: GEN, OTO

MODERATOR: Robert Udelsman, MD, FACS, FACE, *New Haven, CT*

CO-MODERATOR: Brendan C. Stack, Jr., MD, FACS, FACE, *Little Rock, AR*

Hypercalcemia is an increasingly common finding for which primary hyperparathyroidism is an important diagnosis. Several recognized endocrine/head and neck surgeons will discuss: (1) the use (or abuse) of preoperative localization imaging; (2) whether the truly asymptomatic patient needs surgery; (3) whether "minimally invasive" is a reality or a marketing tool; and (4) tricks of the trade to assist in finding and operating on ectopic glands. Additional topics will include who should be doing parathyroid surgery, what outcomes are relevant, and whether high-volume surgeons (or surgical centers) necessarily equate with better outcomes.

#### Imaging: Use or Abuse

Robert Udelsman, MD, FACS, FACE, *New Haven, CT*

#### Asymptomatic Primary Hypoparathyroidism: Surgical Indications

Tobias J. E. Carling, MD, PhD, FACS, *New Haven, CT*

#### Minimally Invasive Parathyroidectomy: An Appropriate Procedure

David J. Terris, MD, FACS, *Augusta, GA*

#### Minimally Invasive Parathyroidectomy: A Marketing Tool

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

#### Ectopic Parathyroid Glands: Tricks of the Trade

Ralph P. Tufano, MD, FACS, *Baltimore, MD*

#### Who Should Do Parathyroid Surgery: The Surgeon or the Center?

Julie A. Sosa, MD, FACS, *Durham, NC*

#### What Are the Relevant Outcomes?

Brendan C. Stack, Jr., MD, FACS, FACE, *Little Rock, AR*

*Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head & Neck Surgery*

#### PS125 | 4:15 - 5:45 pm

#### Employing Allied Health Professionals in a Surgical Practice

*Location: 208*

TRACK: EDU

MODERATOR: Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

CO-MODERATOR: Constantine V. Godellas, MD, FACS, *Maywood, IL*

Most surgeons have limited knowledge in the employment of an allied health professional (AHP), yet it is clear that they are becoming an important part of our practices. Most surgeons want, or think they want, a physician extender. This session will educate surgeons on what allied professionals can do and which ones might be right for their practices (surgical technologist, advanced practice nurse, physician assistant.) This session will help surgeons justify their need (financially, patient safety/satisfaction, quality), supervise/educate/train/retain them, and correctly bill for them. At the conclusion of this session, surgeons will be able to hire, supervise, bill for, and retain an allied health professional and have the surgeon, patient, allied health professional, and institution benefit from the hire.

#### Introduction to Allied Health Professionals in Surgery

Virginia M. Herrmann, MD, FACS, *Charleston, SC*

#### Employing AHP's in Surgery: Hospital and Practice

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

*Sponsored by the Committee on Allied Health Professionals*

#### PS126 | 4:15 - 5:45 pm

#### "Milestones" and What They Mean for Resident Training

*Location: 145*

TRACK: RES/MED

MODERATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

CO-MODERATOR: W. Thomas Lawrence, MD, FACS, *Iowa City, IA*

The effects of the impending introduction milestone-based assessment of resident performance will be discussed. Questions to be addressed include: (1) What is the rationale for such a change in residency training? (2) What changes are going to be implemented? (3) What are the implications of the changes for academic departments? (4) What are the implications for undergraduate medical education, board certification, and continuing medical education/Maintenance of Certification?



### Implementation of Milestones Assessment in a Surgical Residency

Karen R. Borman, MD, FACS, *Washington, DC*

### Implications of Changes Due to Milestones on an Academic Department

Mary H. McGrath, MD, MPH, FACS, *San Francisco, CA*

### Implications for Undergraduate Medical Education, Board Certification, and Maintenance of Certification, and Continuing Medical Education

Griffith R. Harsh IV, MD, FACS, *Stanford, CA*

### What Is the Rationale for Milestones-Based Evaluation vs. Traditional Resident Assessment?

Bruce D. Schirmer, MD, FACS, *Charlottesville, VA*

*Sponsored by the Committee on Resident Education*

**PS127 | 4:15 - 5:45 pm**

### **Symposium on the Legacy of Frank H. Netter, MD**

*Location: Ballroom C*

TRACK: CEN

MODERATOR: Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, *San Antonio, TX*

CO-MODERATOR: Henry J. Mankin, MD, *Boston, MA*

Francine Mary Netter, the daughter of Frank Netter, MD, and author of *Medicine's Michelangelo, the Life and Art of Frank H. Netter, MD* (Quinnipiac University Press, Sept. 2013), will provide a personal introduction to the man and his career. William C. DeVries, MD, FACS, cardiothoracic surgeon known for implanting the first total artificial heart, and Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, critical care surgeon revered for his care of the burn patient, will reflect on their experiences working with Dr. Netter.

### Medicine's Michelangelo: The Life and Art of Frank H. Netter, MD

Francine Mary Netter, *Raleigh, NC*

### Working with Dr. Netter in Preparing the Musculoskeletal Volume

Henry J. Mankin, MD, *Boston, MA*

### Working with Dr. Netter in Preparing His Description of Burn Injury in Context of His Publication on Soft-Tissue Injuries

Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, *San Antonio, TX*

### Dr. Netter and the Artificial Heart: Interactions with the Scientists and the Patient

William C. DeVries, MD, FACS, *Rockville, MD*

*Sponsored by the Program Committee*

## Tuesday, October 8

**PS200 | 8:00 - 9:30 am**

### **Severe Acute Pancreatitis: Evolving Management Strategies**

*Location: Ballroom AB*

TRACKS: GEN, TRA

MODERATOR: Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

CO-MODERATOR: Michael G. Sarr, MD, FACS, *Rochester, MN*



Severe pancreatitis is a life-threatening condition that requires a comprehensive, multispecialty management approach. Based upon emerging data, conventional management strategies are undergoing a rapid change. Issues, such as optimal nutritional techniques, use of antibiotics, timing and type of surgical interventions, operative approach (for example, one-step debridement versus step-up minimally invasive approach), and management of complications will be addressed. Experts will review the contemporary data and present new evidenced-based guidelines.

### Acute Pancreatitis: Good, Bad, and the Ugly. Early Management Controversies (Resuscitation, Enzyme Inhibition, Sphincterotomy, and Stenting)

Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

### Surgical Management: Step-Up Is the Way to Go

Karen D. Horvath, MD, FACS, *Seattle, WA*

### Surgical Management: Audience Participation and Resolution

### Surgical Management: Don't Waste Time—Just Give Me a Scalpel

Keith D. Lillemoe, MD, FACS, *Boston, MA*

### New Development in Critical Care: Nutrition, Anti-Inflammatory Agents, Antibiotics

Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

*Sponsored by the Committee on Trauma and the Advisory Council for General Surgery*

**PS201 8:00 - 9:30 am**

### **Managing Thoracic Trauma: The Debate Continues**

*Location: 202*

TRACKS: CTS, GEN, TRA

MODERATOR: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

CO-MODERATOR: John C. Mayberry, MD, FACS, *Portland, OR*

Definitive management of injuries to the lung, pleura, and chest wall remains a matter of great debate.

This session will incorporate a point/counterpoint approach concerning the role of pain management for rib fractures (epidural vs. rib blocks vs. patient-controlled analgesia), the use of stabilizing devices for rib fractures, and minimally invasive versus non-operative versus thoracotomy for control of bleeding in thoracic injuries.

### Introduction, Historical Perspective, and Current Indications

Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

### Biomechanics and Technical Issues for Rib Plating

John C. Mayberry, MD, FACS, *Portland, OR*

### Case Presentations: What Would You Do? (1) Flail Chest; (2) Reduction of Pain and Disability; (3) Chest Wall Deformity/Defect; (4) Symptomatic Rib Fracture/Nonunion

William B. Long, MD, FACS, *Portland, OR*

Mario G. Gasparri, MD, FACS, *Greendale, WI*

John C. Mayberry, MD, FACS, *Portland, OR*

*Sponsored by the Advisory Council for General Surgery, the Committee on Trauma, and the Advisory Council for Cardiothoracic Surgery*

PS202 | 8:00 - 9:30 am

**Case-Based Discussion of the Management of Pediatric Traumatic Brain Injury***Location: 152*

TRACKS: NEU, PED, TRA

MODERATOR: Barbara A. Gaines, MD, FACS, *Pittsburgh, PA*CO-MODERATOR: Michael L. Nance, MD, FACS, *Philadelphia, PA*

This session will explore the role of the pediatric neurosurgeon and pediatric trauma surgeon in the management of children with the full spectrum of traumatic brain injury. Questions such as when to obtain repeat imaging, when to monitor, and how to treat increased intracranial hypertension will be discussed in a case-based format.

Pediatric Traumatic Brain Injury: The Trauma Surgeon's Perspective

Christian J. Streck, MD, FACS, *Mount Pleasant, SC*

Pediatric Traumatic Brain Injury: The Neurosurgeon's Perspective

Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*

*Sponsored by the Advisory Council for Pediatric Surgery, the Committee on Trauma, and the Advisory Council for Neurological Surgery*

PS203 | 8:00 - 9:30 am

**Diversity in Surgery: Does It Matter?***Location: 150*

TRACK: GEN

MODERATOR: Mallory Williams, MD, MPH, FACS, *Toledo, OH*CO-MODERATOR: Anthony G. Charles, MB, BS, MPH, FACS, *Chapel Hill, NC*

An in-depth look at the diversity in providers and the diversity in patients. Does this affect the outcomes? Is the current health care system providing the optimum care for all patients, and are the surgeons being trained properly to offer the best outcomes?

Diversity in the Medical Education Pipeline and Workforce: Health Care Quality Implications

Joan Y. Reede, MD, MPH, *Boston, MA*

Personal Perspectives on Achieving Diversity in an Academic Department of Surgery

Anthony A. Meyer, MD, PhD, FACS, FRCS, *Chapel Hill, NC*

Perspectives on Diversity within the Medical Corps of the U.S. Army

Mary E. Maniscalco-Theberge, MD, FACS, *Washington, DC*

Diversity in American Surgery Leadership: Challenges and Opportunities

Julie A. Freischlag, MD, FACS, *Baltimore, MD*

*Sponsored by the Committee on Diversity Issues*



PS204 | 8:00 - 9:30 am

**Can Your New Partner Operate?: Mentoring Your New Partner***Location: 206*

TRACK: GEN

MODERATOR: Joseph B. Cofer, MD, FACS, *Chattanooga, TN*CO-MODERATOR: Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

This session involves academic and community surgeons of all specialties. It will discuss the effects of work-hour regulations on residents and practicing surgeons, on resident education, and on surgical proctoring. Interaction among different generations, including need for increased mentoring of surgeons starting in practice, will also be addressed.

Mentoring Your New Partner Clinically, on the Wards, and in the Operating Room

Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Mentoring Your New Partner in Handling the Business, Coding, and Billing, and Professional Responsibilities

Alison M. Wilson, MD, FACS, *Morgantown, WV*

Mentoring Your New Partner in Starting Meaningful Clinical or Basic Science Research

Stephen A. Fann, MD, FACS, *Charleston, SC*

Transition to Practice: General Surgical Fellowships

Joseph B. Cofer, MD, FACS, *Chattanooga, TN*Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

*Sponsored by the Advisory Councils for the Surgical Specialties*

PS205 | 8:00 - 9:30 am

**High-Risk Breast Patients: Assessment, Genetics, and Atypical Lesions***Location: 207*

TRACKS: GEN, ONC

MODERATOR: Richard E. Fine, MD, FACS, *Memphis, TN*CO-MODERATOR: William E. Burak, Jr., MD, FACS, *Atlanta, GA*

This session will review the new guidelines regarding breast cancer risk assessment and genetic testing. It will also review the classifications and pathological features of lesions that increase breast cancer risk including atypical ductal/lobular hyperplasia, lobular carcinoma in situ, and flat epithelial atypia. Other borderline lesions found on core needle biopsy requiring further management will be discussed. The surveillance strategies, including clinical and imaging follow-up, as well as strategies for risk reduction, will be reviewed.

Evaluating Risk: What Are the Chances of Carrying a High-Risk Gene Mutation, and What Are the Chances of Developing Breast Cancer with or without Such a Mutation?

Kevin S. Hughes, MD, FACS, *Boston, MA*

High-Risk Lesions: Which Lesions on Core Biopsy Require Further Evaluation, and Which of These Are Considered High-Risk?

Kenneth J. Bloom, MD, FCAP, *Aliso Viejo, CA*



### High-Risk Management Strategies: From Surveillance to Modifying Risk through Chemoprevention

Suzanne B. Coopey, MD, *Boston, MA*

### Surgical Risk Reduction: Skin and Nipple-Sparing Mastectomy Techniques to Reduce Risk and Improve Cosmesis

Shawna C. Willey, MD, FACS, *Washington, DC*

*Sponsored by the Advisory Council for General Surgery*

**PS206 | 8:00 - 9:30 am**

### Innovation and Invention in Surgery

*Location: Ballroom C*

TRACK: EDU

MODERATOR: T. Forcht Dagi, MD, DMedSc, MPH, MTS, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

CO-MODERATOR: Richard M. Satava, MD, FACS, *Seattle, WA*

This course will outline the process of developing, protecting, funding, and commercializing innovations and inventions in surgery, including clinical trials design, regulatory strategies, market sizing, and exit planning. The course is an adaptation of material taught in the Biomedical Entrepreneurship Program of the Harvard-Massachusetts Institute of Technology Program in Health Sciences and Technology at Harvard Business School. Learning objectives include recognition and formulation of market opportunities; development of business plans; how to obtain funding; market sizing; intellectual property, regulatory and reimbursement strategies; prototyping; cost engineering; revenue models; clinical trials; management of conflicts of interest; company formation and governance, including boards and advisors; strategic industry partnerships; distribution models; and exit strategies.

### Introduction: Innovation and Invention—The Government Method

Richard M. Satava, MD, FACS, *Seattle, WA*

Basic Principles; The Role of Markets; The Process of Development; Intellectual Property; Working with Institutions; Funding; Building a Company; Organizing a Board; Prototyping and Clinical Trials; Reimbursement; Exiting

T. Forcht Dagi, MD, DMedSc, MPH, MTS, FACS, FAANS, FCCM, FRCSEd

*Sponsored by the Committee on Perioperative Care and the Committee on Emerging Surgical Technology and Education*

**PS207 | 8:00 - 11:15 am**

### Spectacular Cases

*Location: 144*

TRACK: RES/MED

CO-MODERATOR: Juan C. Paramo, MD, FACS, *Miami Beach, FL*

CO-MODERATOR: A. Frederick Schild, MD, FACS, *Miami, FL*

This session will include case presentations by individuals selected through competitive submission. They will challenge the panel to debate the course of action taken in very difficult and unusual circumstances.

### Panelists

J. Patrick O'Leary, MD, FACS, *Miami, FL*

J. David Richardson, MD, FACS, *Louisville, KY*

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

David J. Cole, MD, FACS, *Charleston, SC*

### Total Face, Double Jaw, and Tongue Transplantation for Traumatic Mid- and Lower-Face Defect

Philip S. Brazio, MD, *Baltimore, MD*

### Short Play-Off Celebration

Juan L. Calisto, MD, *Oklahoma City, OK*

### Recurrent Pneumoperitoneum Associated with Jejunal Diverticulosis

Patrick W. McGonagill, MD, *Winston-Salem, NC*

### The Sternal Retractor: Not Just a One-Trick Pony

Owen P. Palmer, MD, *Palo Alto, CA*

### Gastroventricular Fistula following Roux-en-Y Gastric Bypass

John D. Rutkoski, MD, *Waldwick, NJ*

### Use of a Pulsatile Perfusion Pump for Renal Autotransplantation in a Patient Undergoing Thoraco-Abdominal Bypass for Malignant Hypertension Secondary to Takayasu Arteritis

Bjoern D. Suckow, MD, *Midvale, UT*

### Adenocarcinoma Metastatic to Umbilicus Presenting as Large-Bowel Obstruction

Heather Wachtel, MD, *Philadelphia, PA*

*Sponsored by the Resident and Associate Society*

**PS208 | 9:45 - 11:15 am**

### A Wild Night on Acute Care Surgery

**Call: Challenging Cases, Great Lessons**

*Location: Ballroom AB*

TRACK: TRA

MODERATOR: Gregory J. Jurkovich, MD, FACS, *Denver, CO*

CO-MODERATOR: Ronald V. Maier, MD, FACS, *Seattle, WA*

This session will focus on unusual and challenging real-life acute care surgery cases that will be presented to a panel of experts. The panel will discuss and debate the evaluation, preoperative diagnosis, and operative management of cases that are encountered infrequently and do not obey to universally accepted standards of care. Tricks and tips will be offered. Cases to be considered will include a range of both trauma and emergency surgery topics.

### Case Presentation

L.D. Britt, MD, MPH, FACS, FCCM, FRCSEd(Hon), FRCSEd(Hon), FWACS(Hon), *Norfolk, VA*

### Case Presentation

David V. Feliciano, MD, FACS, *Indianapolis, IN*

### Case Presentation

Ernest E. Moore, MD, FACS, *Denver, CO*

### Case Presentation

Ronald V. Maier, MD, FACS, *Seattle, WA*

*Sponsored by the Committee on Trauma*

PS209 | 9:45 - 11:15 am

**Don't Get Burned: A Refresher Course in Management of Thermal Injuries***Location: 145*

TRACKS: GEN, TRA

MODERATOR: Christopher W. Lentz, MD, FACS, FCCM, *Oklahoma City, OK*CO-MODERATOR: Tina L. Palmieri, MD, FACS, FCCM, *Sacramento, CA*

Nearly 450,000 patients annually seek medical attention for burn injuries in the U.S. Of these, 10 percent require hospitalization, yet just more than half are treated in burn centers. The majority of these injuries are managed by nonburn care specialist providers. After review of the basic pathophysiology, the focus of attention will be directed toward the nonoperative management of partial-thickness burn injuries and the potential complications. This discussion will include the new developments in dressing products and techniques. Next, the participants will learn techniques to perfect the operative management of thermal injury with split-thickness skin grafts including methods to ensure maximal graft take. Finally, advice will be given on the management of work-related burn injuries and assessing impairment and permanency after recovery.

**Pathophysiology of Thermal Injury**David G. Greenhalgh, MD, FACS, *Sacramento, CA***Caring for the Partial-Thickness Burn Wound**Amalia L. Cochran, MD, FACS, *Salt Lake City, UT***Operative Management of Third-Degree Burns**Philip E. Fidler, MD, FACS, *Washington, DC***Burns in the Workplace: How Do We Transition Them Back to Their Job?**Christopher W. Lentz, MD, FACS, FCCM, *Oklahoma City, OK***Determining Abuse Patterns in Children**Tina L. Palmieri, MD, FACS, FCCM, *Sacramento, CA**Sponsored by the Advisory Council for General Surgery*

PS210 | 9:45 - 11:15 am

**100 Years of Rural Surgery: Past Accomplishments, Future Challenges***Location: 207*

TRACKS: CEN, GEN, RUS

MODERATOR: Philip R. Caropreso, MD, FACS, *Keokuk, IA*  
CO-MODERATOR: Julie A. Conyers, MD, FACS, *Truckee, CA*

This panel will review the practice of surgery in rural venues during the last 100 years. Successes, unique challenges, the current of state of rural surgery, and the College's recent initiatives to support and improve rural surgical care will be discussed.

**The History of Rural Surgery**David L. Nahrwold, MD, FACS, *Northbrook, IL***Crossing the Abyss**Julie A. Conyers, MD, FACS, *Truckee, CA***Future Directions in Rural Surgery**Karen E. Deveney, MD, FACS, *Portland, OR**Sponsored by the Advisory Council for Rural Surgery*

PS211 | 9:45 - 11:15 am

**Are Computed Tomography (CT) Scans Killing Patients?***Location: Ballroom C*

TRACK: GEN

MODERATOR: Amy B. Reed, MD, FACS, *Hershey, PA*CO-MODERATOR: Christopher G. Carsten, MD, FACS, *Greenville, SC*

This session will address limitation of radiation exposure and prevention of lawsuits from medical radiation. There will be a focus on the pregnant surgeon, development of cataracts, and effects of fluoroscopy. The patient section includes recent media coverage of CT-induced damage.

**Government Regulations and Radiation Exposure**Lois A. Killewich, MD, PhD, FACS, *Galveston, TX***Radiation Exposure and Pregnancy**Audra A. Duncan, MD, FACS, *Rochester, MN***Prevention of Radiation Injury from Medical Imaging**Erica L. Mitchell, MD, FACS, *Portland, OR***Radiation Exposure Beyond Endovascular Procedures**Wei Zhou, MD, FACS, *Stanford, CA**Sponsored by the Advisory Councils for the Surgical Specialties*

PS212 | 9:45 - 11:15 am

**Piece of the Action or Run the Trial: Managing Conflict of Interest in Research and Innovation***Location: 150*

TRACK: ETH

MODERATOR: Leigh A. Neumayer, MD, FACS, *Salt Lake City, UT*CO-MODERATOR: Jennifer E. Rosen, MD, FACS, *Boston, MA*

As science has advanced the practice of medicine and surgery, these discoveries need to be studied and then marketed. Granting agencies have partnered with businesses and not-for-profit institutions to facilitate these transitions. Spin-off companies can be the result. Surgeons are offered opportunities to participate in "ownership" of these companies, yet they might possess the desire and expertise to run the clinical trial, testing the device/drug or technique. In this panel, we will discuss the pros and cons of company ownership and trial leadership, as well as the impact of perceived or real conflicts of interest.

**Introduction and Case Studies**Leigh A. Neumayer, MD, FACS, *Salt Lake City, UT***The Investigator's Perspective**Jennifer E. Rosen, MD, FACS, *Boston, MA***The Institution's Perspective**Thomas M. Krummel, MD, FACS, *Stanford, CA***The Medical Journals and Public Perspective**Catherine D. DeAngelis, MD, *Baltimore, MD**Sponsored by the Surgical Research Committee and the Committee on Ethics*

PS213 | 9:45 - 11:15 am

**Management of Polytrauma Patients with Central Nervous System (CNS) Injury**

Location: 201

TRACKS: NEU, TRA

MODERATOR: James M. Ecklund, MD, FACS, *Falls Church, VA*CO-MODERATOR: Joseph Cuschieri, MD, FACS, *Seattle, WA*

This session will focus on evidence bases for managing the complex polytrauma patient with central nervous system and spinal column injuries. Issues of deep vein thrombosis/venous thromboembolism prophylaxis in the setting of traumatic brain and spinal cord injury, cervical spine clearance in patients with altered sensorium, and timing of follow-up neuroimaging will be discussed. Special attention to multidisciplinary communications issues and patient safety in co-management will be addressed throughout. The learner will be familiar with most recent literature and guidelines on these topics.

Deep Vein Thrombosis/Venous Thromboembolism Prophylaxis and Therapeutic Anticoagulant in the Setting of Traumatic Brain and Spinal Cord Injury  
Herbert A. Phelan III, MD, *Dallas, TX*

Cervical Spinal Clearance in Patients with Altered Sensorium

Margaret M. Griffen, MD, FACS, *Falls Church, VA*  
Indications and Timing of Repeat Neuroimaging in Traumatic Brain Injury

Alex B. Valadka, MD, FACS, *Austin, TX*

*Sponsored by the Advisory Council for Neurological Surgery and the Committee on Trauma*

PS214 | 9:45 - 11:15 am

**Personalized Therapy of Surgical Diseases**

Location: 206

TRACK: BTR

MODERATOR: Richard J. Bold, MD, FACS, *Sacramento, CA*CO-MODERATOR: David G. Greenhalgh, MD, FACS, *Sacramento, CA*

Genomic characterization of patients and/or their disease process may allow for more accurate selection of appropriate therapy or prediction of outcome from the underlying disease process. These molecular evaluations may be used as predictive markers, allowing for individualized selection of therapy or prognostic markers to better stratify individuals for anticipated outcomes of their disease. Three speakers will discuss examples from oncology, sepsis, and trauma.

Genomic Assessment of the Injured Patient to Predict Outcome

Lyle L. Moldawer, PhD, *Gainesville, FL*

Genetic Variations in the Glucocorticoid Receptor and Differential Response to Corticosteroids

David G. Greenhalgh, MD, FACS, *Sacramento, CA*

Role of c-KIT Mutations in the Biology and Treatment Selection of Gastrointestinal Stromal Tumors (GIST)

Ronald P. DeMatteo, MD, FACS, *New York, NY*

*Sponsored by the Surgical Research Committee*

PS215 | 12:45 - 2:15 pm

**Acute Appendicitis: Operate Now, Wait Until the Morning, or Treat with Antibiotics?**

Review of the Evidence

Location: Ballroom AB

TRACKS: GEN, PED

MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*CO-MODERATOR: Daniel J. Ostlie, MD, FACS, *Madison, WI*

Generations of general surgeons have been trained to emergently intervene on acute appendicitis to avoid delays leading to perforation. This panel will be structured as a three-way debate on emergent operation, operation delayed until convenient, or treatment with antibiotics. The panelists will review current data and appropriate patient selection for any of these three strategies.

Treat with Antibiotics

Joseph V. Sakran, MD, MPH, *Charleston, SC*

Operate Now

Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

Wait until Morning

Oliver L. Gunter, MD, FACS, *Nashville, TN*

*Sponsored by the Advisory Council for General Surgery and the Advisory Council for Pediatric Surgery*

PS216 | 12:45 - 2:15 pm

**The Multimodality Management of Retroperitoneal and Extremity Sarcoma**

Location: 202

TRACKS: GEN, ONC

MODERATOR: Samuel Singer, MD, FACS, *New York, NY*CO-MODERATOR: Chandrajit P. Raut, MD, FACS, *Boston, MA*

This panel will focus on appropriate preoperative imaging, staging, surgical treatment, neo-adjuvant, adjuvant therapy, and appropriate follow-up of retroperitoneal and extremity sarcomas. The surgical approach to local resection for extremity and retroperitoneal sarcomas will be reviewed and the management of specific sarcoma cases will be discussed.

Retroperitoneal Sarcoma: Controversies and Future Directions

Chandrajit P. Raut, MD, FACS, *Boston, MA*

Multimodality Management of Extremity Sarcoma

Frederick C. Eilber, MD, FACS, *Los Angeles, CA*

Sarcoma Case Presentation and Discussion

Samuel Singer, MD, FACS, *New York, NY*

*Sponsored by the Advisory Council for General Surgery*

PS217 | 12:45 - 2:15 pm

**Lung Cancer and the Pulmonary Resection Patient: Screening, Preparation, Techniques, and Outcomes**

Location: 102

TRACK: CTS

MODERATOR: Traves D. Crabtree, MD, FACS, *St. Louis, MO*CO-MODERATOR: Frederick L. Greene, MD, FACS, *Charlotte, NC*

This panel will present current approaches and issues that must be considered when providing care to the pulmonary resection patient. The discussion will cover the full spectrum of surgical care including patient education, smoking cessation, lung cancer evaluation and staging, minimally invasive techniques, and options for the high-risk patient.

**Lung Cancer Screening: Earlier Detection Leads to Earlier Stage Cancer**

Daniel L. Miller, MD, FACS, *Atlanta, GA*

**Contemporary Staging of Lung Cancer: Techniques and Approach to Nodal Assessment**

Stephen C. Yang, MD, FACS, *Baltimore, MD*

**Preparing Your Patient for Pulmonary Resection: The American College of Surgeons Surgical Patient Education Program**

Kathleen Heneghan, RN, PNP-C, MSN, *Chicago, IL*

**Smoking Cessation: What's Most Effective for the Surgical Patient?**

Alberto L. de Hoyos, MD, FACS, *Chicago, IL*

**Minimally Invasive Surgery for Lung Cancer**

Malcolm M. DeCamp, MD, FACS, *Chicago, IL*

**Treatment Options for the High-Risk Patient**

Traves D. Crabtree, MD, FACS, *St. Louis, MO*

*Sponsored by the Patient Education Committee and the Advisory Council for Cardiothoracic Surgery*

**PS218 | 12:45 - 2:15 pm**

**Advances in Periocular and Orbital Surgery: The Past 25 Years**

*Location: 149*

TRACKS: CEN, OPHTHO

MODERATOR: James W. Gigantelli, MD, FACS, *Omaha, NE*

CO-MODERATOR: Philip L. Custer, MD, FACS, *St. Louis, MO*

This session reviews important advances in the surgical management of conditions of the periocular adnexa and orbit over the past 25 years.

**Computer-Assisted Surgery and Orbital Volume Problems**

Shannath L. Merbs, MD, PhD, FACS, *Baltimore, MD*

**Evolving Surgical Management of Thyroid Eye Disease**

Raymond I. Cho, MD, FACS, *Potomac, MD*

**Adaptation of Ultrasonic Bone Removal and Other Technologies to Orbital and Lacrimal Surgery**

Marc J. Hirschbein, MD, FACS, *Baltimore, MD*

**Contemporary Management of Combat-Derived Orbital Trauma**

Raymond I. Cho, MD, FACS, *Potomac, MD*

*Sponsored by the Advisory Council for Ophthalmic Surgery*

**PS219 | 12:45 - 2:15 pm**

**From the Battlefield to the Home Front: Translating Military Experience into Civilian Practice**

*Location: 145*

TRACK: TRA

MODERATOR: Brian J. Eastridge, MD, FACS, *San Antonio, TX*

CO-MODERATOR: Richard A. Sidwell, MD, FACS, *Des Moines, IA*

While many civilian trauma practices have been successfully incorporated into modern military medicine, significant advances in the care of the injured patient have been realized based on extensive trauma experience in the military setting. This session will focus on the practical translation of battlefield injury management lessons learned into the civilian environment from the perspective of retired military surgeons.

**Trauma Systems**

Donald H. Jenkins, MD, FACS, *Rochester, MN*

**Damage Control Resuscitation**

John B. Holcomb, MD, FACS, *Houston, TX*

**Damage Control Surgery**

Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

**Critical Care**

Warren C. Dorlac, MD, FACS, *Cincinnati, OH*

**Neurosurgery**

Gerald A. Grant, MD, FACS, *Durham, NC*

**Obstacles to Translation**

Stephen F. Flaherty, MD, FACS, *Washington, DC*

*Sponsored by the Committee on Trauma*

**PS220 | 12:45 - 2:15 pm**

**International Surgery Rotations: Creating Learning Opportunities**

*Location: 150*

TRACKS: HUM, INT, RES/MED

MODERATOR: Jeannette M. Capella, MD, FACS, *Hollidaysburg, PA*

CO-MODERATOR: Jamal J. Hoballah, MD, FACS, *Beirut, Lebanon*

International rotations provide an opportunity for surgical residents to provide surgical care to our world's most underserved populations. Residents are also exposed to pathology and systems of care very different from what they encounter in the U.S. Several residency programs offer international surgery rotations. Others would like to offer this opportunity, but don't have the infrastructure or contacts to make it happen. This session will provide an opportunity for program directors, faculty, and residents to learn what is involved in creating international surgery rotations and to meet those who have already done so.

**Issues and Challenges of Starting an International Surgery Rotation: How to Get Approval from the Surgery Residency Review Committee (RRC)**

James C. Hebert, MD, FACS, *Burlington, VT*

**Issues and Challenges of Starting an International Surgery Rotation: Financial and Liability Concerns**

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

**Issues and Challenges of Starting an International Surgery Rotation: What Should Residents Learn?**

Sherry M. Wren, MD, FACS, *Stanford, CA*

**Issues and Challenges of Starting an International Surgery Rotation: What Can International Partners Provide? What Do They Need?**

Jamal J. Hoballah, MD, FACS, *Beirut, Lebanon*





## Issues and Challenges of Starting an International Surgery Rotation: Logistics and Safety

Andrew J. Murphy, MD, *Nashville, TN*

## Collaboration on International Rotations among Surgery Programs

Kathleen M. Casey, MD, FACS, *Newport, RI*

*Sponsored by the Committee on Resident Education and the International Relations Committee*

**PS221 | 1:00 - 5:00 pm**

## Association of Program Directors in Surgery (APDS)

### Panels: Improving General Surgery Residency Training

*Location: 152*

TRACKS: EDU, RES/MED

CO-MODERATOR: Karen E. Deveney, MD, FACS, *Portland, OR*

CO-MODERATOR: John D. Mellinger, MD, FACS, *Springfield, IL*

The Association of Program Directors in Surgery (APDS) will offer the opportunity to learn the latest information on two key issues in surgical residency education. The first panel will discuss changes that are being discussed to strengthen the quality of training both for surgical residents who intend to have a general surgery career and those who plan to specialize further after residency. The second panel will discuss the evidence to date supporting the premise that the Accreditation Council for Graduate Medical Education (ACGME) Milestones Project can improve our measurement of resident performance. Each Panel Session will include time for questions and discussion. The annual APDS Business Meeting will follow the Panel Sessions from 4:00 - 5:00 pm.

## Preserving and Enhancing General Surgery Training

### Five Years Is Long Enough

Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

### Tailoring General Surgery Training to Meet Residents' Career Goals

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

### Simultaneously Preserving General Surgery Training and Enhancing Surgical Specialist Training

John G. Hunter, MD, FACS, *Portland, OR*

## Milestones in Action: How to Measure Meaningful Outcomes

### Measuring Competence in the Operating Room: Is He/She Ready to Operate Independently?

John D. Mellinger, MD, FACS, *Springfield, IL*

### Does He/She Make Sound Clinical Decisions?

Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

### How Can the Milestones Project Improve Our Assessment of Resident Performance?

Timothy C. Flynn, MD, FACS, *Gainesville, FL*

*Sponsored by the Division of Education and the Association of Program Directors in Surgery*

**PS222 | 2:30 - 4:00 pm**

## Managing Emergencies in Crohn's Disease

*Location: Ballroom C*

TRACKS: CRS, GEN



MODERATOR: Fabrizio Michelassi, MD, FACS, *New York, NY*

CO-MODERATOR: Sharon L. Stein, MD, FACS, *Cleveland, OH*

Crohn's disease is a condition at times presenting as an emergency. The manifestations are protean and some challenge even the most experienced surgeon. They include intestinal hemorrhage in the presence of multiple Crohn's lesions or short gut, intestinal or ureteral obstruction, and abscesses. This panel will address the most common emergencies that the general surgeon is likely to encounter.

### Acute Small-Bowel Obstruction in Crohn's Disease

Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

### Perianal Crohn's Disease: Beyond the Simple Abscess

Liliana G. Bordeianou, MD, MPH, FACS, FASCRS, *Boston, MA*

### Biologics and Surgery: Should We Be Concerned?

Raymond K. Cross, MD, *Baltimore, MD*

### Acute Colitis in Crohn's Disease: When to Operate? When to Medicate?

Phillip R. Fleshner, MD, FACS, *Los Angeles, CA*

*Sponsored by the Advisory Council for General Surgery and the Advisory Council for Colon and Rectal Surgery*

**PS223 | 2:30 - 4:00 pm**

## Implementing Social Media Applications into Your Continuing Professional Development

*Location: 201*

TRACKS: GEN, HP, INFO

MODERATOR: Gretchen Purcell Jackson, MD, PhD, FACS, *Nashville, TN*

CO-MODERATOR: Karyn L. Butler, MD, FACS, FCCM, *Hartford, CT*

Social media presents opportunities and challenges for the surgeon. Social media applications are used for not only personal communication, but also professional networking, collaboration, and education. Surgeons should be aware of the options and be able to use them effectively. Participants in this session will be able to: (1) identify various types of social media; (2) discuss their applications and relevance to surgical practice; (3) recognize the challenges regarding their use; and (4) discuss the ACS involvement of social media.

### Introduction to Social Media

Gretchen Purcell Jackson, MD, PhD, FACS, *Nashville, TN*

### Social Media for Continuing Medical Education and Research

Niraj J. Gusani, MD, FACS, *Hershey, PA*

### Social Media for Professional Networking

Seung Shin Gwon, MD, FACS, *El Centro, CA*

### Use of Social Media by Surgical Organizations

Archana Ramaswamy, MD, FACS, FRCS, *Minneapolis, MN*

### Legal Implications for Surgeons Using Social Media

Danielle S. Walsh, MD, FACS, *Greenville, NC*

*Sponsored by the Committee on Continuous Professional Development, the Committee on Diversity Issues, and the Committee on Informatics*

PS224 | 2:30 - 4:00 pm

**She's Pregnant: Things the General Surgeon Should Know***Location: Ballroom AB*

TRACKS: GEN, OBG

MODERATOR: Daniel L. Clarke-Pearson, MD, FACS, FACOG, *Chapel Hill, NC*CO-MODERATOR: John F. Boggess, MD, *Chapel Hill, NC*

General surgery in the pregnant patient must take into consideration the well-being of the mother, as well as the fetus. Physiologic changes evolving throughout pregnancy may influence anesthetic and surgical options. The panel will discuss the role of minimally invasive surgery and consider port placement and various strategies to avoid injury to the gravid uterus. Ovarian cysts are common in pregnancy, but not all require surgical intervention. Understanding the appropriate surgical case selection will be discussed. Selection of imaging techniques and risks of ionizing radiation will be evaluated, as well as the appropriate preoperative, intraoperative, and postoperative fetal monitoring.

Caring for Two Patients: The Pregnant Mom Undergoing Surgery

Robert A. Strauss, MD, *Chapel Hill, NC*

Anesthetic Considerations in the Pregnant Patient: Massive Transfusion Protocol

Kathleen A. Smith, MD, *Chapel Hill, NC*

Minimally Invasive Surgery in the Pregnant Patient: Management of Ovarian Masses in Pregnancy

John F. Boggess, MD, *Chapel Hill, NC*

*Sponsored by the Advisory Council for Gynecology and Obstetrics*

PS225 | 2:30 - 4:00 pm

**Hot Topics in Thyroid Cancer***Location: 207*

TRACKS: GEN, ONC, OTO

MODERATOR: Martha A. Zeiger, MD, FACS, FACE, *Baltimore, MD*CO-MODERATOR: Kresimira M. Milas, MD, FACS, *Portland, OR*

A panel of endocrine surgery experts will discuss the following topics that currently are at the forefront of care for patients with thyroid nodules and thyroid cancer: (1) fine-needle aspiration (FNA) diagnosis: the Bethesda classification, interpretation, experience, and pitfalls; (2) histopathology diagnosis: challenges and pitfalls; (3) molecular markers as relates to thyroid cancer diagnosis and prognosis: measured views of where we really are; and (4) prophylactic central neck dissection for papillary thyroid cancer: reasons for and against.

Prophylactic Central Neck Lymph Node Dissection for Papillary Thyroid Cancer: Why Yes?

Jason D Prescott, MD, PhD, *Baltimore, MD*

Prophylactic Central Neck Lymph Node Dissection for Papillary Thyroid Cancer: Why No?

Wen T. Shen, MD, FACS, *San Francisco, CA*

Molecular Markers for Thyroid Cancer Diagnosis: A Measured View

Kresimira M. Milas, MD, FACS, *Portland, OR*

BRAF and Thyroid Cancer Prognosis: A Measured View

Carrie C. Lubitz, MD, MPH, FACS, *Boston, MA*

*Sponsored by the Advisory Council for General Surgery and the Program Committee*

PS226 | 2:30 - 4:00 pm

**Ingested, Inserted, and Impaled Foreign Bodies: Strategies for Successful Management***Location: 202*

TRACKS: CRS, CTS, TRA

MODERATOR: Patrick M. Reilly, MD, FACS, FCCP, *Philadelphia, PA*CO-MODERATOR: Herand Abcarian, MD, FACS, *Chicago, IL*

Although rare, the general surgeon may be called upon to deal with retained foreign bodies of non-medical origin. These foreign bodies may have been swallowed, inserted, or forcibly placed and left in place after penetrating trauma. Surgeons who have dealt with these unusual occurrences will review their approach to these challenging scenarios and discuss surgical and nonsurgical options for foreign body removal.

Ingested Foreign Bodies: Esophageal Issues

Michael Lanuti, MD, FACS, *Boston, MA*

Ingested Foreign Bodies: Distal Issues

Jayant Radhakrishnan, MB, BS, FACS, *Darien, IL*

Impaled Foreign Bodies

Donald J. Green, MD, FACS, *Oro Valley, AZ*

Rectal Foreign Bodies

Herand Abcarian, MD, FACS, *Chicago, IL*

*Sponsored by the Committee on Trauma, the Advisory Council for Colon and Rectal Surgery, and the Advisory Council for Cardiothoracic Surgery*

PS227 | 2:30 - 4:00 pm

**Long-Term Outcomes of Combat Wound Care***Location: 145*

TRACKS: ORT, PLA, TRA

MODERATOR: Brig Gen (retired) W. Bryan Gamble, MD, FACS, *Alexandria, VA*CO-MODERATOR: Mary-Margaret Brandt, MD, FACS, *Ypsilanti, MI*

This course will focus on the long-term outcomes of combat wound care. We have become quite proficient in saving lives, but the long-term effects are frequently not reviewed. How do we socialize these soldiers back into civilian life? How do these injuries affect the family? How are new prosthetics working to socialize these patients? What are the new trends in robotics and interfaces between the nervous system and functional prosthetics?

Long-Term Care for Those Wounded in Combat Operations

Jonathan Woodson, MD, Assistant Secretary of Defense for Health Affairs, *Washington, DC*

## Advances in Rehabilitation and Prosthetics

COL (retired) Paul F. Pasquina, MD, *Bethesda, MD*

## Post-traumatic Stress Syndrome/Traumatic Brain Injury/Behavioral Health Insights: Unseen Injuries Can Significantly Impact the Care and Outcome of Surgical Patients—Surgeon Awareness and Understanding Can Improve Care to Patients and Their Families

COL Carl A. Castro, PhD, *Fort Detrick, MD*

## Bench to Bedside: Transplants, Research, and Development Projects

Kenneth A. Bertram, MD, PhD, *Fort Detrick, MD*

## Combat Scars: A Multidisciplinary Approach

MAJ(P) Mark P. Shashikant, MD, *Fort Belvoir, VA*

*Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery, the Committee on Trauma, and the Advisory Council for Orthopaedic Surgery*

## PS228 | 2:30 - 5:45 pm

**Ethics Colloquium: End-of-Life Issues for Surgical Patients**

Location: 154

TRACK: ETH

MODERATOR: Gretchen Schwarze, MD, FACS, *Madison, WI*  
CO-MODERATOR: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

This case-based session will address difficult end-of-life care decisions in surgical patients using an “ethics consult” format. Presenters will discuss relevant ethical issues and suggest solutions including strategies to facilitate the plan, communication techniques, use of advance directives, shared decision making, and futility protocols. The cases will include: (1) a newly quadriplegic young man requests withdrawal of all life supporting treatments; (2) a man with a do-not-resuscitate order has a cardiac arrhythmia three days after heart surgery; (3) a frail woman with multi-infarct dementia and toxic megacolon whose surgeon recommends palliative care while her family requests surgical treatment; (4) and a woman three weeks status post liver transplant with numerous serious postoperative complications whose family requests cessation of aggressive treatments.

## Ethics Consult: Case 1

Thomas J. Miner, MD, FACS, *Providence, RI*Laurel R. Imhoff, MD, MPH, *Oakland, CA*

## Discussion of Treatment in Young Man with Quadriplegia

Carol Scott-Conner, MD, FACS, *Iowa City, IA*

## Ethics Consult: Case 2

Scott B. Grant, MD, MBE, *New Brunswick, NJ*Sabha Ganai, MD, *Chicago, IL*

## Discussion of Perioperative Do Not Resuscitate Orders

Martin F. McKneally, MD, PhD, FACS, FRCSC, *Toronto, ON*

## Ethics Consult: Case 3

Leslie S. Tyrie, MD, FACS, *Newark, NJ*Ryan M. Antiel, MD, *Rochester, MN*

## Discussion of Requests for Futile Procedures

Deborah Baker, DNP, MSN, CRNP, *Baltimore, MD*

## Ethics Consult: Case 4

Daniel E. Hall, MD, MDiv, MHSc, FACS, *Pittsburgh, PA*Ana Berlin, MD, MPH, *New York, NY*

## Difficult Decisions About Postoperative Life Support

A. Brent Eastman, MD, FACS, FRCSEd(Hon),

FRACS(Hon), *Chicago, IL*

*Sponsored by the Committee on Ethics*

## PS229 | 4:15 - 5:45 pm

**Intestinal Stomas: Prevention and Management of Complications**

Location: Ballroom AB

TRACK: CRS

MODERATOR: Peter A. Cataldo, MD, FACS, *Burlington, VT*  
CO-MODERATOR: Meagan M. Costedio, MD, *Cleveland, OH*

The technique of construction of an intestinal stoma can have profound effects on a patient's well-being. This panel will discuss important preoperative considerations, intraoperative techniques, and postoperative management strategies that may make the difference between a good and bad stoma. An enterostomal therapist will discuss these issues from his/her perspective.

## Mesh and Prevention of Parastomal Hernias

David E. Beck, MD, FACS, *New Orleans, LA*

## Early Postoperative Stoma Complications

Bruce A. Orkin, MD, FACS, *Chicago, IL*

## Laparoscopic Management of Parastomal Hernias

Edward C. Borrazzo, MD, FACS, *Burlington, VT*

## Enterostomal Challenges

Laurie J. Maidl, RN, BSN, CWOCN, *Rochester, MN*

*Sponsored by the Advisory Council for Colon and Rectal Surgery*

## PS230 | 4:15 - 5:45 pm

**Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?**

Location: 202

TRACKS: GEN, HP

MODERATOR: Andrew L. Warshaw, MD, FACS, *Boston, MA*  
CO-MODERATOR: Chad A. Rubin, MD, FACS, *Columbia, SC*

The goal of Accountable Care Organizations (ACO) is for providers to become accountable for the quality and cost of health outcomes. One of the components of an ACO is the surgeon, and becoming accountable implies shifting the risk associated with the care episode from the traditional insurer to a group of caregivers to which the surgeon is assigned. Are you prepared to take on that risk? Will the group be assigned by you, or by an outside entity? How will your value be calculated compared to the other parts of the delivery chain? Learn from national experts on ACO's, and hear how initial results are faring, and how you can position yourself and your practice to successfully navigate this tsunami of change in health care.

## ABCs of ACOs

Michael J. Zinner, MD, FACS, *Boston, MA*

## Learning from ACO Precursors: The Role of Surgery

Albert Bothe, Jr., MD, FACS, *Danville, PA*

Rethinking Surgeon Decision-Making, Autonomy, and Success in the World of ACOs

David R. Flum, MD, MPH, FACS, *Seattle, WA*

Will ACOs Lead to Proactive Assessment of Appropriateness?

Timothy G. Ferris, MD, MPhil, MPH, *Boston, MA*

*Sponsored by the Advisory Councils for the Surgical Specialties, the Health Policy and Advocacy Group, and the General Surgery Coding and Reimbursement Committee*

**PS231 | 4:15 - 5:45 pm**

**Perioperative Care in the Surgical Intensive Care Unit (ICU): Challenging Scenarios for the Surgeon and Intensivist**

*Location: Ballroom C*

TRACKS: GEN, TRA

MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*

CO-MODERATOR: Bryan R. Collier, DO, FACS, *Roanoke, VA*

With the compartmentalization and subsequent divergence of surgical and medical ICUs, for most surgeons who practice critical care the patient base is surgical in nature. It is not uncommon, however, for a patient in a surgical ICU to develop a serious or life-threatening medical condition requiring prompt identification and initiation of treatment. This panel discussion will present an overview of the best practices approach to the initial management of the most common medical conditions encountered in critically ill surgical patients. These include perioperative myocardial infarction, acute pulmonary diseases, inflammatory conditions, and renal dysfunction.

Acute Respiratory Injury

Eric A. Toshlog, MD, FACS, *Greenville, NC*

Acute Kidney Injury

Therese M. Duane, MD, FACS, FCCM, *Richmond, VA*

Acute Myocardial Injury

Wendy R. Greene, MD, FACS, *Washington, DC*

*Sponsored by the Committee on Trauma*

**PS232 | 4:15 - 5:45 pm**

**Improving Outcomes through ACS NSQIP®**

*Location: 206*

TRACK: BTR

MODERATOR: Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

CO-MODERATOR: Bruce L. Hall, MD, PhD, FACS, *St. Louis, MO*

Increasingly, surgeons and hospitals will have to report their surgical outcomes. ACS NSQIP® is arguably one of the broadest and most experienced programs that collects and reports risk-adjusted surgical outcomes. This session will discuss issues related to improving the quality of surgical care that is outcomes-based, as well as providing experiences to improve overall quality.

Fixing Urinary Tract Infections

Scott J. Ellner, DO, MPH, FACS, *Hartford, CT*

Fixing Surgical Site Infections

Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Eliminating Postoperative Pneumonia in General Surgery Patients? The Results of an ACS NSQIP®-Driven Performance Improvement Project

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

*Sponsored by the Division of Research and Optimal Patient Care*

**PS233 | 4:15 - 5:45 pm**

**Incorporating Palliative Care in Cancer Management**

*Location: 201*

TRACKS: CRS, GER, ONC

MODERATOR: Geoffrey P. Dunn, MD, FACS, *Erie, PA*

CO-MODERATOR: Geetika Kumar, MD, *Dayton, OH*

The panel will present data on the benefit of incorporating palliative care in advanced-stage solid cancers in a veteran population. Our data will compare the effect of palliative care in advanced-stage solid cancer on quality of life, satisfaction with care (per patient or next of kin), and possible survival advantage versus usual cancer care. The validated surveys used for documenting quality of life and satisfaction with care will be made available. Since this project is a short-term effort, data on short-term survival advantage will be made available, especially in stage IV solid cancers. The cancer liaison physician, oncology fellow, and nurse involved in conducting the study will present the data.

Role of Oncology Nurse in Patient Identification and Data Gathering

LaDonna Hinkle, RN, MSN, OCN, *Dayton, OH*

An Oncologist Perspective on Appropriate Use of Palliative Care

Nkeiru Okoye, MD, *Dayton, OH*

Role of Palliative Medicine Physician in Cancer Care

Damanjeet Kahlon, MD, *Dayton, OH*

*Sponsored by the Commission on Cancer and the Advisory Council for Colon and Rectal Surgery*

**PS234 | 4:15 - 5:45 pm**

**The Patient's Wound Is Not Healing: Now What?**

*Location: 207*

TRACKS: PLA, VAS

MODERATOR: W. Thomas Lawrence, MD, FACS, *Iowa City, IA*

CO-MODERATOR: Robert D. Galiano, MD, *Chicago, IL*

This session will review new dressings, growth factors, and approaches to wound closure and healing. Wounds are a multi-billion dollar cost to health care. What can we do to approach and correct these issues while helping our patients? Wound-healing centers will also be reviewed.

Is the Wound's Angiosome Adequately Perfused?

Richard F. Neville, MD, FACS, *Washington, DC*

Is There a Biofilm that Requires Treatment?

Robert D. Galiano, MD, *Chicago, IL*

Do We Really Know What Caused the Wound?

Victoria K. Shanmugam, MD, *Washington, DC*



### Is There a Different Dressing or Growth Factor that Is Needed?

W. Thomas Lawrence, MD, FACS, *Iowa City, IA*

### What About Stem Cells or Other Novel Therapies?

Geoffrey C. Gurtner, MD, FACS, *Stanford, CA*

*Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery*

**PS235 | 4:15 - 5:45 pm**

### **Surgical Heroes of the Next 100 Years: Will They Be Different?**

*Location: 150*

TRACKS: CEN, RES/MED

MODERATOR: Celeste M. Hollands, MD, FACS, *Mobile, AL*

CO-MODERATOR: Susan Steinemann, MD, FACS, *Honolulu, HI*

The traditional surgical hero was created in the model of the triple threat of teaching, research, and clinical excellence. The current health care and academic environments present new opportunities and challenges for the surgical heroes of tomorrow. This panel will focus on addressing contemporary challenges, noting that the surgical heroes of the future may be a diverse group from nontraditional backgrounds. Skills in global communication, advocacy, technology, business, and mentorship may be crucial, in addition to expertise in traditional surgical disciplines. It is important to create an environment that recognizes and encourages professional growth across a broad spectrum, nurturing the talents that will be embodied in our future surgical heroes.

#### Developing Surgical Leaders/Heroes

Merril T. Dayton, MD, FACS, *Buffalo, NY*

#### Surgical Innovation

Thomas M. Krummel, MD, FACS, *Stanford, CA*

#### Global Surgery and Communication

Kathleen M. Casey, MD, FACS, *Newport, RI*

#### Patient Advocacy/Health Care Systems and Quality

Marty Makary, MD, MPH, FACS, *Baltimore, MD*

### Surgical Heroes of the Next 100 Years: Will They be Different? (Yes.)

Celeste M. Hollands, MD, FACS, *Mobile, AL*

### Surgical Heroes of the Next 100 Years: Will They be Different? (No.)

Susan Steinemann, MD, FACS, *Honolulu, HI*

*Sponsored by the Committee on Medical Student Education*

## Wednesday, October 9

**PS300 | 8:00 - 9:30 am**

### **Barrett's Esophagus: Management Options**

*Location: Ballroom C*

TRACKS: CTS, GEN

MODERATOR: Jeffrey H. Peters, MD, FACS, *Rochester, NY*

CO-MODERATOR: Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH*

Esophageal cancer is a significant disease with a growing incidence perhaps in epidemic proportions in the western world. Barrett's esophagus is a recognized precursor, which now has a variety of new endoluminal treatment options that may or may not be effective in preventing esophageal cancer and decreasing the incidence of death by this devastating disease. The diagnosis and subsequent management of Barrett's esophagus needs to be further explored. Topics to be covered in this session include endoscopic resection or removal of Barrett's, ablation of Barrett's esophagus, genetic profile of Barrett's esophagus and assessing the risk of transformation to esophageal cancer, endoscopic resection vs. surgical resection for Barrett's esophagus, and anti-reflux surgery to prevent the progression of Barrett's esophagus.

### Definition and Identification of Barrett's: What Is It, and Can We Accurately Identify When It Is Present or Not?

Brian J. Dunkin, MD, FACS, *Houston, TX*

### Management of Nondysplastic Barrett's: Impact and Role of Proton Pump Inhibitors, Antireflux Surgery, and Aspirin/Nonsteroidal Antiinflammatory Drugs/Other

Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

### Radiofrequency Ablation: Five Years On—Indications and Outcomes

Thomas J. Watson, MD, FACS, *Victor, NY*

### Difficult Barrett's Populations and Failure in Both Nondysplastic and Dysplastic Disease

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

*Sponsored by the Advisory Council for General Surgery and the Advisory Council for Cardiothoracic Surgery*

**PS301 | 8:00 - 9:30 am**

### **Colorectal Emergencies for Noncolorectal Surgeons**

*Location: Ballroom AB*

TRACKS: CRS, GEN

MODERATOR: Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

CO-MODERATOR: Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

The general surgeon is frequently asked to provide emergency care to patients with challenging and infrequent colorectal emergencies. This panel will address the most common emergencies in which the general surgeon is likely to be asked to intervene. Specifically, the panel will address ways to reduce morbidity and mortality in this challenging group of patients.

#### Colonic Volvulus

David A. Etzioni, MD, FACS, FASCRS, *Phoenix, AZ*

#### Toxic Megacolon

Elisabeth C. McLemore, MD, FACS, FASCRS, *La Jolla, CA*

#### Iatrogenic Perforation

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

#### Clostridium Difficile/Neutropenic Colitis

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

#### Large-Bowel Obstruction

John J. Park, MD, FACS, FASCRS, *Lake Forest, IL*



*Sponsored by the Advisory Council for Colon and Rectal Surgery*

**PS302 | 8:00 - 9:30 am**

**Intestinal Failure: Evolution of Therapy in the Era of Intestinal Transplantation**

*Location: 207*

TRACKS: BTR, GEN, PED

MODERATOR: Kareem M. Abu-Elmagd, MD, PhD, FACS, *Cleveland, OH*

CO-MODERATOR: Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

The audience will be updated on the evolving definition, causes, and prevalence of intestinal failure. The algorithmic multidisciplinary management of these complex patients also will be addressed in the context of the currently available therapeutic modalities, including enterotrophic agents, autologous surgical reconstruction, bowel lengthening procedures, and visceral transplantation. The indications, details of therapy, and outcome measures for each of these novel modalities will be discussed. The recent evolution of intestinal and multivisceral transplantation will also be highlighted with special reference to time of referral and continual improvement in functional survival. Finally, recent advances in intestinal stem cell research will be briefly addressed.

Pathophysiology and Clinical Management of Intestinal Failure

Ezra Steiger, MD, FACS, *Cleveland, OH*

Autologous Surgical Reconstruction

Debra L. Sudan, MD, FACS, *Durham, NC*

Intestinal and Multivisceral Transplantation

Kareem M. Abu-Elmagd, MD, PhD, FACS, *Cleveland, OH*

The Current Status of Tissue-Engineered Intestine

Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

*Sponsored by the Program Committee and the Advisory Council for Pediatric Surgery*

**PS303 | 8:00 - 9:30 am**

**Civilian and Military Injuries to the Kidney, Ureter, and Bladder**

*Location: 152*

TRACKS: TRA, URO

MODERATOR: Bryan B. Voelzke, MD, *Seattle, WA*

CO-MODERATOR: Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

A review of mechanisms, staging, and treatment for blunt and penetrating injuries to the kidney, ureter, and bladder. This session will involve audience participation with case presentations of complex injuries, didactic sessions, and a robust panel discussion. Specific areas of emphasis include: battlefield urologic trauma, acute/delayed renal and ureteral surgical intervention strategies, minimally invasive renal trauma approaches, the role of bladder imaging following pelvic trauma, and a panel discussion of complex genitourinary trauma cases.



Battlefield Urologic Trauma: Experience and Management

Gary A. Vercruysse, MD, FACS, *Tucson, AZ*

Surgical Management of Renal and Ureteral Trauma

Michael Coburn, MD, FACS, *Houston, TX*

Minimally Invasive Techniques to Manage Acute and Delayed Renal Trauma Dilemmas

Bryan B. Voelzke, MD, *Seattle, WA*

Radiographic Imaging and Surgical Management of Bladder Injuries Following Pelvic Trauma

Jeremy B. Myers, MD, FACS, *Salt Lake City, UT*

*Sponsored by the Advisory Council for Urology and the Committee on Trauma*

**PS304 | 8:00 - 9:30 am**

**Redirection and Reentry: Flexibility for a Surgical Career**

*Location: 206*

TRACK: EDU

MODERATOR: Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

CO-MODERATOR: Susan E. Pories, MD, FACS, *Cambridge, MA*

Interruptions to surgical practice occur due to planned and unplanned occurrences, including physical illness or injury, impairment, and planned time away from practice (such as for child-raising or military service). Navigating reentry to surgery requires planning on the part of the individual surgeon, the practice group or department, and the credentialing body. Panelists will present successful models for preparing for planned absences, evaluating the surgeon's ability to practice, and examples of mentoring and monitoring, and discuss the credentialing perspective.

Back from the Battlefield: Reentry of Military Personnel into Surgical Practice after Serving Abroad

Ronald F. Martin, MD, FACS, *Marshfield, WI*

From Recovery to Rounding: Reentry to Practice for the Surgeon with Impairment

Michael R. Oreskovich, MD, FACS, *Seattle, WA*

Doctoring after Being a Patient: Reentry to Practice for the Surgeon after Illness

Hugh E. Scully, MD, FACS, MSc, FRCSC, FACC, FAHA, *Toronto, ON*

Family Ties: Reentry into Practice after Time Off for Family Obligations and American Board of Surgery Requirements for Recredentialing

Jo Buyske, MD, FACS, *Philadelphia, PA*

*Sponsored by the Governors Committee on Physician Competency and Health*

**PS331 | 8:00 - 9:30 am**

**Lessons Learned from the Boston Marathon Bombing**

*Location: 144*

TRACKS: GEN, TRA

MODERATOR: Michael J. Zinner, MD, FACS, *Boston, MA*

CO-MODERATOR: Michael F. Rotondo, MD, FACS, *Greenville, NC*

This session will focus on the April 15, 2013, Boston Marathon bombing as an example of a civilian mass-



casualty event. The exercises leading up to the event and the Committee on Trauma's certification of five adult Level 1 trauma centers in Boston helped save the lives of every victim who made it to the hospitals. Lessons learned from this experience will be shared.

#### Preparation for the Unexpected

Alok Gupta, MD, FACS, *Boston, MA*

#### In-Hospital Triage and Initial Evaluation

Reuven Rabinovici, MD, FACS, *Boston, MA*

#### In-Hospital Response and Operations

George C. Velmahos, MD, FACS, *Boston, MA*

#### Postoperative Care Challenges and Successes

Tracey A. Dechert, MD, *Boston, MA*

#### Rehabilitation and Long-Term Outcomes

Jonathan D. Gates, MD, FACS, *Boston, MA*

#### Department of Defense Experience

COL Jonathan Woodson, MD, Assistant Secretary of Defense for Health Affairs, *Washington, DC*

*Sponsored by the Program Committee*

### PS305 | 8:00 - 11:15 am

#### Surgical Jeopardy

*Location: 145*

TRACK: RES/MED

MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Nina E. Glass, MD, *New York, NY*

CO-MODERATOR: Feibi Zheng, MD, *Houston, TX*

A total of 24 teams of two vie to score the most points in this hilariously executed game of knowledge.

#### Cleveland Clinic

Jeffrey Mino, MD, MPH, *Cleveland, OH*

Samir K. Shah, MD, *Cleveland, OH*

#### Conemaugh School of Medical Technology

Tutu Cheng, MD, *Johnstown, PA*

Hannah Kim, MD, *Johnstown, PA*

#### East Carolina University

Meredith C. Duke, MD, *Greenville, NC*

Michael A. White, MD, *Greenville, NC*

#### Easton Hospital

Uchechukwu Stanley Ogu, MD, *Easton, PA*

Aniket K. Sakharpe, MD, MPH, *Easton, PA*

#### Einstein Medical Center Philadelphia

Farah B. Karipineni, MD, *Philadelphia, PA*

John Henry Y. Pang, MD, *Philadelphia, PA*

#### Gundersen Lutheran Medical Center

Mark N. Abraham, MD, *La Crosse, WI*

Jonathan D. Zellmer, MD, *La Crosse, WI*

#### Guthrie Healthcare

Philip McPhail, MD, *Sayre, PA*

Andrew C. Trecartin, MD, *Sayre, PA*

#### Inova

Allison M. Key, MD, *Falls Church, VA*

Matthew W. LaPorta, MD, *Arlington, VA*

#### Kyushu University

Yuki Bekki, MD, *Fukuoka, Japan*

Takashi Motomura, MD, *Fukuoka, Japan*

#### Medical College of Wisconsin

Nathan P. Heinzerling, MD, *Milwaukee, WI*

John T. Miura, MD, *Milwaukee, WI*

#### Rutgers University, Robert Wood Johnson Medical School

Victoriya S. Chernyavsky, MD, *New Brunswick, NJ*

Joseph P. Terlizzi, MD, *New Brunswick, NJ*

#### Southern Illinois University

Deborah E. Date, MD, *Springfield, IL*

Michael J. Thomas, MD, *Springfield, IL*

#### St. Vincent Indianapolis Hospital

Gabriel A. Arevalo, MD, *Indianapolis, IN*

Philip Karuman, MB, BS, PhD, FRCS, *Indianapolis, IN*

#### State University of New York, Upstate Medical University

Shreyas K. Roy, MD, *Syracuse, NY*

Keri A. Seymour, MD, *Syracuse, NY*

#### University of Arizona

Mustafa Raoof, MB, BS, *Tucson, AZ*

Jessica F. Rose, DO, *Tucson, AZ*

#### University of Cincinnati

Charles R. Cole, MD, *Cincinnati, OH*

Brian D. Henry, MD, *Cincinnati, OH*

#### University of Colorado, Denver

Akshay P. Chauhan, MD, *Denver, CO*

Max V. Wohlauser, MD, *Denver, CO*

#### University of Florida Health, Jacksonville

Jilma Patrick, MD, *Jacksonville, FL*

Irfan R. Qureshi, MD, *Jacksonville, FL*

#### University of Oklahoma

Juan L. Calisto, MD, *Oklahoma City, OK*

David Freeman, MD, *Oklahoma City, OK*

#### University of Toledo

Brett G. Aplin, MD, *Toledo, OH*

Jai Prasad, MB, BS, *Toledo, OH*

#### University of Virginia

Sara A. Hennessy, MD, *Charlottesville, VA*

James M. Lindberg, MD, *Charlottesville, VA*

#### University of Washington

Nicole L. Kansier, MD, *Seattle, WA*

Colleen M. O'Kelly Priddy, MD, *Seattle, WA*

#### Washington University, St. Louis

Paul M. Evans, MD, *St. Louis, MO*

Joshua Sommovilla, MD, *St. Louis, MO*

#### West Virginia University

Jared T. Feyko, DO, *Morgantown, WV*

D. Michael Fourqurean, MD, *Morgantown, WV*

*Sponsored by the Resident and Associate Society*

### PS306 | 9:45 - 11:15 am

#### Anastomotic Leak: Prevention and Management

*Location: Ballroom AB*

TRACK: CRS



MODERATOR: James W. Fleshman, MD, FACS, FASCRS, *Dallas, TX*

CO-MODERATOR: Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Anastomotic leak is one of the most feared complications in gastrointestinal surgery because of the associated morbidity and mortality. This multidisciplinary session will focus on optimal anastomotic construction techniques and explore novel technologies to prevent and manage anastomotic complications of hindgut surgery. Biologic and mechanical anastomotic reinforcement methods, technical tips for anastomotic construction and testing, and endoscopic management of leaks will be discussed.

Evaluation of Risk for Anastomotic Leak

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Influence of the Microbiome on Anastomotic Leak

John C. Alverdy, MD, FACS, *Chicago, IL*

Does Diversion or Bowel Preparation Prevent Leak?

Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*

Minimally Invasive Treatment of Anastomotic Leak

Charles B. Whitlow, MD, FACS, *New Orleans, LA*

*Sponsored by the Advisory Council for Colon and Rectal Surgery*

**PS307 | 9:45 - 11:15 am**

**Developing, Implementing, and Evaluating Trauma Care Systems: Experiences from Low- and Middle-Income Countries**

*Location: 144*

TRACKS: INT, TRA

MODERATOR: James P. Neifeld, MD, FACS, *Richmond, VA*

CO-MODERATOR: Adnan A. Hyder, MD, PhD, *Baltimore, MD*

This forum will focus on trauma care systems in low- and middle-income countries and demonstrate that established interventions can have a significant impact on injury prevention and public health. Fundamental elements in strengthening the care of the injured patient will be highlighted, including defining the epidemiology of trauma care injuries, implementing evidence-based trauma care interventions, and assessing the overall impact of these interventions.

Enhancing trauma care systems can be achieved through three key functions: (1) describing trauma systems profiles: comprehensive baseline needs assessments of formal and informal trauma care systems must be described through an interdisciplinary review of multiple data sources; (2) implementing targeted evidence-based interventions: building on the baseline description of current trauma systems, interventions can be developed and implemented to meet the needs of national and local systems; and (3) evaluating impact: interventions can be assessed in terms of the overall change in health, economic, and social outcomes.

Presenters will provide an overview of this approach and four case studies that used these functions as tools to describe trauma care systems in low- and middle-income countries. The strengths of these tools lie in: (1) the development of a core set of methods to

describe both pre-hospital and hospital-based trauma care systems; (2) the ability to approach trauma care systems development in an evidence-based, scientifically valid, yet practical manner; and (3) the application of systematic monitoring and evaluation methods.

Welcome and Overview of Trauma Care Initiatives

James P. Neifeld, MD, FACS, *Richmond, VA*

Pakistan Effort in Trauma Care and Management

Junaid Razzak, MD, *Karachi, Pakistan*

The Role of Trauma Surveillance: Evidence from the Red Cross War Memorial Children's Hospital in Cape Town, South Africa

Hadley K. Wesson, MD, MPH, *Baltimore, MD*

Describing Trauma Care through the Trauma Surveillance Profile: Evidence from Kenya

Kent A. Stevens, MD, *Towson, MD*

A Regional Approach to International Trauma System Development: Initiatives from South America

Michel B. Aboutanos, MD, MPH, FACS, *Richmond, VA*

Closing Remarks

Adnan A. Hyder, MD, PhD, *Baltimore, MD*

*Sponsored by the Program Committee*

**PS308 | 9:45 - 11:15 am**

**Metabolic Surgery: The Science, the Patient, and the Future**

*Location: 207*

TRACK: GEN

MODERATOR: Ali Tavakkoli, MB, BS, FACS, FRCS, *Boston, MA*

CO-MODERATOR: Erik P. Dutson, MD, FACS, *Los Angeles, CA*

A great deal of progress has been made in the field of metabolic surgery with several randomized studies indicating a clear role for bariatric operations in the treatment of diabetes. As a result, there has been much discussion about lowering the body mass index (BMI) threshold for surgical intervention in diabetics, and researchers are working on new procedures and interventions to less invasively replicate the metabolic success of current procedures. These topics will be further explored in this session.

Introduction to Metabolic Surgery

Ali Tavakkoli, MB, BS, FACS, FRCS, *Boston, MA*

Impact of Weight-Loss Operations on Diabetes and Cardiovascular Disease

Michel Gagner, MD, FACS, FRCS, FASMBS, FICS, AFC(Hon), *Montreal, QC*

Mechanisms of Weight Loss and Metabolic Improvement after Bariatric Surgery

Stacy A. Brethauer, MD, FACS, *Avon, OH*

Metabolic Surgery and BMI: How Low Should We Go?

Bruce M. Wolfe, MD, FACS, *Portland, OR*

The Future: Metabolic Devices and Novel Procedures

Homero Rivas, MD, FACS, *Stanford, CA*

What Is the Best Metabolic Operation?

Panel Discussion and Questions

*Sponsored by the Committee for the Forum on Fundamental Surgical Problems*





**PS309 | 9:45 - 11:15 am****The Modern Family: Surgery 2013***Location: 152*

TRACKS: EDU, HP, RES/MED

MODERATOR: Sherry M. Wren, MD, FACS, *Stanford, CA*CO-MODERATOR: Gary J. Faerber, MD, FACS, *Ann Arbor, MI*

Surgery has evolved from a prototypical male-dominated profession where family support was traditionally a female spouse who may or may not work outside of the home. Today almost half of the incoming residents are women, same-sex marriage or partners are not uncommon, dual-career couples are the norm, single-parent households are increasing, and house husbands exist. This panel will explore the impact of the nontraditional modern surgical family on career and family life and offer strategies to meet these new challenges.

Role Reversal: Woman Surgeon and a Stay-at-Home Spouse

Tara M. Breslin, MD, FACS, *Lake Forest, IL*

Challenges of the Single Female Attending Surgeon

Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

Out in Surgery: Perspective of a Gay Male Surgeon

Stephen E. Goldstone, MD, FACS, *New York, NY*

Dual-Career Couples

Lillian M. Erdahl, MD, *Rochester, MN*

Personal and Professional Stressors: Strategies to Achieve Work/Life Balance

Ralph S. Greco, MD, FACS, *Stanford, CA*

*Sponsored by the Women in Surgery Committee, the Resident and Associate Society, and the Committee on Resident Education*

**PS310 | 9:45 - 11:15 am****Mass-Casualty Shootings: Saving the Patients***Location: Ballroom C*

TRACKS: GEN, TRA

MODERATOR: Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*CO-MODERATOR: Michael F. Rotondo, MD, FACS, *Greenville, NC*

This panel will discuss improving survival from mass-casualty events, such as the incidents at Sandy Hook Elementary School and the Boston Marathon. These events have profoundly affected the individuals who were injured, as well as the psyche of the entire nation. The American College of Surgeons has partnered with numerous organizations, including the FBI, police, fire, and emergency prehospital management, to develop a document that will provoke thought and encourage cooperation among all agencies involved in managing these events. A panel of representatives from these groups will provide information for attendees on interesting, practical, and implementable strategies to apply when they return home. This knowledge will enable participants to provide leadership for all the different agencies involved in promoting increased survival from mass-casualty events.

Develop Strategies to Organize and Integrate All Interested Groups to Increase Patient Survival: Hospitals, Law Enforcement, EMS, and Fire

Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*

Adopt the Principles for Improving Survival to Resources Available at the Local, Community, or State Level

David S. Wade, MD, FACS, *Brookeville, MD*

Implement Education Strategies to Train Scene Responders to Practice Skills That Enhance Survival

Norman E. McSwain, MD, FACS, *New Orleans, LA*

Prepare Hospitals to Effectively Respond to Victims of Mass-Casualty Shootings

Michael F. Rotondo, MD, FACS, *Greenville, NC*

Saving Lives While in Harm's Way at the Scene of a Mass-Casualty Shooting

Alexander L. Eastman, MD, MPH, FACS, *Dallas, TX*

*Sponsored by the Program Committee*

**PS311 | 9:45 - 11:15 am****Regenerative Medicine in Practice Now: Cell Therapies and Artificial Organs***Location: 206*

TRACK: BTR

MODERATOR: Anthony Atala, MD, FACS, *Winston-Salem, NC*CO-MODERATOR: Geoffrey C. Gurtner, MD, FACS, *Stanford, CA*

In a recent report from the U.S. Department of Health and Human Services, regenerative medicine was called the predominant field in health care for the 21st century. This session will focus on the field of regenerative medicine and will include an overview of cell therapies, engineered tissues and organs, and other strategies for regeneration. The session also will provide an overview of current research, surgical treatments, and future developments. Emphasis will be placed on how regenerative medicine is used for patient therapy in surgery today and how this field will affect surgical practice in the future.

Regenerative Medicine: New Approaches to Health Care

Anthony Atala, MD, FACS, *Winston-Salem, NC*

Regenerative Strategies for Wound Healing and Tissue Repair

Geoffrey C. Gurtner, MD, FACS, *Stanford, CA*

Cell Therapy for Cardiac Disease

Amit N. Patel, MD, *Salt Lake City, UT*

Adipose-Derived Stem Cell Therapy for Reconstruction after Trauma

J. Peter Rubin, MD, FACS, *Pittsburgh, PA*

*Sponsored by the Surgical Research Committee*

**PS328 | 9:45 - 11:15 am****A Century of Canadian Contributions to the American College of Surgeons and Surgical Science***Location: 103*

TRACKS: CEN, EDU



MODERATOR: Gerald M. Fried, MD, FACS, *Montreal, QC*  
 CO-MODERATOR: Richard J. Finley, MD, FACS, FRCSC, *Vancouver, BC*

Canadian surgeons are founding members of the American College of Surgeons. Over the past century Canadian surgeons made important contributions to the practice and science of surgery and to the education of generations of surgeons. This session will highlight selected areas where Canadian surgeons advanced the field of surgery.

Instilling a Culture of Evidence-Based Surgery in Canada

Jeffrey S. T. Barkun, MD, *Montreal, QC*

The Canadian Contribution to Technology-Enabled Learning in Surgical Education

Karim Qayumi, MD, PhD, FRCSC, *Vancouver, BC*

An Odyssey of Islet Transplantation for Therapy of Type 1 Diabetes

Garth L. Warnock, MD, FACS, *Vancouver, BC*

The Canadian Contribution to Pediatric Surgery

B. J. Hancock, MD, FACS, FRCSC, *Winnipeg, MB*

*Sponsored by the Canadian Regents and Governors*

**PS312 | 12:45 - 2:15 pm**

**Bariatric Surgical Complications:**

**I Don't Do Bariatric Surgery—But You Are the Only Surgeon on Call!**

*Location: Ballroom AB*

TRACK: GEN

MODERATOR: Ninh T. Nguyen, MD, FACS, *Orange, CA*

CO-MODERATOR: Alfons Pomp, MD, FACS, FRCSC, *New York, NY*

Because of the rapid increase in frequency of bariatric surgery, surgeons who do not perform these operations are increasingly called upon to evaluate postoperative bariatric patients in the emergency room. With little or no formal knowledge of the procedures that are performed, many surgeons are in unwelcome territory in these settings. This session will seek to address many of the issues surrounding these situations. A brief overview of the currently popular procedures will be covered in the appropriate detail. Variations in specific procedures will be shown (such as antecolic vs. retrocolic Roux-en-Y, and so on). The most common postoperative complications will be outlined in detail and less common ones will be briefly described. Clinical presentation and work-up of these individuals will be described. The choices regarding the need for re-operation emergently, stabilization, and transfer of the patient, as well as the pros and cons of each approach, shall be shown.

Overview of Common Bariatric Operations and Their Variations

Karl A. LeBlanc, MD, FACS, *Baton Rouge, LA*

Postoperative Leaks and Chronic Fistula

Ninh T. Nguyen, MD, FACS, *Orange, CA*

Stomal Stenosis, Early- and Late-Bowel Obstruction

Alfons Pomp, MD, FACS, FRCSC, *New York, NY*

Early Gastrointestinal Bleeding and Marginal Ulcers

Daniel M. Herron, MD, FACS, *New York, NY*

Access to Biliary Tree after Roux-en-Y Gastric Bypass  
 John M. Morton, MD, MPH, FACS, FASMBS, *Stanford, CA*

*Sponsored by the Advisory Council for General Surgery and the Bariatric Advisory Committee*

**PS313 | 12:45 - 2:15 pm**

**Complications of Esophageal Procedures:**

**Neck, Chest, and Abdomen**

*Location: Ballroom C*

TRACKS: CTS, GEN, OTO

MODERATOR: Shanda H. Blackmon, MD, MPH, FACS, *Houston, TX*

CO-MODERATOR: Bryan F. Meyers, MD, MPH, FACS, *St. Louis, MO*

Many procedures performed on the esophagus carry significant morbidity. Addressing these complications engage multiple specialties and require a wide variety of techniques. This session will address these complications grouped by the involved site within the esophagus.

Reconstruction of the Esophagus

Kenneth A. Kesler, MD, FACS, *Indianapolis, IN*

Complications of Foregut Surgery

Katie S. Nason, MD, MPH, FACS, *Pittsburgh, PA*

Damage Control of Esophageal Disasters

Mark Berry, MD, *Durham, NC*

Endoluminal Management of Esophageal Leaks and Fistulae

Min P. Kim, MD, FACS, *Houston, TX*

*Sponsored by the Advisory Councils for the Surgical Specialties and the Advisory Council for Cardiothoracic Surgery*

**PS314 | 12:45 - 2:15 pm**

**Innovative Technologies for the Treatment of Incontinence and Prolapse**

*Location: 202*

TRACK: GEN

MODERATOR: Madhulika G. Varma, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Alan D. Garely, MD, FACS, *New York, NY*

Incontinence (fecal and urinary) and prolapse (rectal and uterine) affect many patients, with devastating effects on quality of life. This multidisciplinary panel will address these common pelvic floor disorders with special emphasis on diagnosis, selection of patients for surgical interventions, and new treatments.

The Posterior Compartment: Fecal Incontinence

Ann C. Lowry, MD, FACS, FASCRS, *St. Paul, MN*

The Posterior Compartment: Rectal Prolapse

Sarah A. Vogler, MD, *Salt Lake City, UT*

The Anterior and the Apical Compartment: Approach to Prolapse

Andrew I. Sokol, MD, FACOG, *Washington, DC*

The Anterior Compartment: Approach to Incontinence

Robert E. Gutman, MD, FACOG, *Washington, DC*

Case Presentation

Madhulika G. Varma, MD, FACS, *San Francisco, CA*

## Case Presentation

Alan D. Garely, MD, FACS, *New York, NY*

*Sponsored by Advisory Councils for the Surgical Specialties*

**PS315 12:45 - 2:15 pm**

**Controversies in Men's Health: Prostate-Specific Antigen (PSA) and Testosterone**

*Location: 144*

TRACK: URO

MODERATOR: David F. Penson, MD, MPH, FACS, *Nashville, TN*

CO-MODERATOR: Hunter B. Wessells, MD, FACS, *Seattle, WA*

This panel will address topics in men's health that affect the aging population, including screening for prostate cancer with PSA and the diagnosis or over diagnosis of hypogonadism. The pros and cons of screening, discussion of recent large-scale trials, and future directions for the field will be reviewed.

**An Overview of the PSA Guidelines Controversy and Its Clinical Implications**

Daniel A. Barocas, MD, MPH, *Nashville, TN*

**Clinical Data and Prostate Screening Guidelines: Filling in the Gaps**

Ruth Etzioni, PhD, *Seattle, WA*

**Testosterone 101**

Hunter B. Wessells, MD, FACS, *Seattle, WA*

**Rationale for Screening for Low Testosterone**

Allen D. Seftel, MD, FACS, *Camden, NJ*

**Risks and Benefits of Testosterone Replacement**

Thomas J. Walsh, MD, *Seattle, WA*

*Sponsored by the Advisory Council for Urology*

**PS316 | 12:45 - 2:15 pm**

**Nonsurgical Education: Is It Worth Going Back to School?**

*Location: 152*

TRACKS: EDU, RES/MED

MODERATOR: Michael J. Sutherland, MD, FACS, *Pine Bluff, AR*

CO-MODERATOR: Haytham M.A. Kaafarani, MD, MPH, *Boston, MA*

In an evermore complex world, surgeons often consider obtaining additional degrees or certificates to bolster their education. MBAs, MPHs, and PhDs, are only some of the many options available to surgeons. This panel will discuss the pros and cons of returning for formal schooling in financial matters, social issues, or scientific research. Panelists will focus on the educational value of degree and certificate programs and their impact on career options.

**It Is Never Too Late to Go Back to School! My Experience Pursuing a PhD in Systems Engineering**

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

**I Must Have Been Out of My Mind to Think about It! My Experience Pursuing a Master's in Education**

Marc A. de Moya, MD, FACS, *Boston, MA*



**It Is All a Matter of Return on Investment: My Experience Pursuing a Master's in Business Administration**

Steven L. Chen, MD, MBA, FACS, *Duarte, CA*

*Sponsored by the Young Fellows Association and the Resident and Associate Society*

**PS317 | 12:45 - 2:15 pm**

**Challenges in Management of Patients with Aneurysms**

*Location: 201*

TRACK: VAS

MODERATOR: James H. Black III, MD, FACS, *Baltimore, MD*

CO-MODERATOR: Adam W. Beck, MD, FACS, *Gainesville, FL*

This session will discuss the current challenges in the management of patients with aortic aneurysms. Topics to be discussed include: methods to facilitate endovascular aneurysm repair (EVAR) in difficult iliac access and fixation zone anatomy, management of juxta- and suprarenal aneurysms using chimney, periscope, snorkel, and sandwich graft techniques (CHIMPS)/fenestrated grafts/open surgery, endovascular techniques for management of ruptured aneurysms, and strategies for Type II endoleak resolution.

**Pros and Cons of CHIMPS for Complex Abdominal Aortic Aneurysm (AAA) Repair**

Adam W. Beck, MD, FACS, *Gainesville, FL*

**Techniques for EVAR with Difficult Iliac Access or Poor Fixation Zone Anatomy**

Mahmoud Malas, MD, MHS, FACS, *Baltimore, MD*

**Fenestrated Endovascular Devices for Juxta and Suprarenal Aortic Aneurysms**

Joseph J. Ricotta II, MD, FACS, *Atlanta, GA*

**Endovascular Repair of Ruptured AAA: How I Do It**

Peter H. Connolly, MD, *New York, NY*

**Management of Type II Endoleaks**

Christopher J. Abularrage, MD, FACS, *Baltimore, MD*

**Improvements in Open Aortic Surgery**

James H. Black III, MD, FACS, *Baltimore, MD*

*Sponsored by the Advisory Council for Vascular Surgery*

**PS318 | 12:45 - 4:00 pm**

**The College's International Scholars and Travelers 2013**

*Location: 149*

TRACKS: HUM, INT

MODERATOR: Graham T. Layer, MA(Oxon), DM, MCh, FACS, FRCS, FRCSEd, *Guildford, United Kingdom*

CO-MODERATOR: Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRC, *Rome, Italy*

The College's international scholars and traveling Fellows will present briefly on a topic relating to their practice or research in their home country, providing the North American and international audience with fresh insights into the art and science of surgery in other parts of the world.

**Evidence-Based Surgical Neurology Practice Innovation under Severe Resource Limitations: Some on-the-Field Insights from Nigeria**

Amos O. Adeleye, MB, BS, FWACS, *Ibadan, Nigeria*

## Contributions to Cleft Lip Nose Deformity

Rajiv Agarwal, MB, BS, *Lucknow, India*

## Pancreatectomies Associated with Vascular Resection

Marco Del Chiaro, MD, PhD, *Stockholm, Sweden*

## Challenges in Organ Donation and Transplantation in Lebanon

Walid G. Faraj, MD, *Beirut, Lebanon*

## Merkel Cell Carcinoma: An Australian Perspective

Julie R. Howle, MB, BS, FRACS, *Sydney, Australia*

## Laparoscopic Liver Surgery: The New Standard in Surgery?

Matthias Heuer, MD, PhD, *Essen, Germany*

## Role of Body Composition on Surgical Outcomes after Hepatic Resection in Patients with Hepatocellular Carcinoma

Shinji Itoh, MD, PhD, *Tagawa, Japan*

## Outcomes of Lower-Extremity Bypass: Quality Measures in Vascular Surgery

Mariano Norese, MD, *Buenos Aires, Argentina*

## Surgical Skills Training and Capacity Building in Surgical Education in Nigeria

Philip M. Mshelbwala, MB, BS, FWACS, *Zaria, Nigeria*

## The History and Current Role of the International Relations Committee

Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS, *Rome, Italy*

## Neoadjuvant Chemotherapy and Surgery for Locally Advanced Colon Cancers: A New Point of View

Carlos Pastor, MD, *Madrid, Spain*

## Striving for Better Outcomes in Laparoscopic Colorectal Surgery

Jensen T. C. Poon, MB, BS, FACS, *Hong Kong, China*

## The Current Status and Future Direction of the Research Project by the Japanese Society of Hepato-Pancreato-Biliary Surgery

Sohei Satoi, MD, PhD, *Ashiya, Japan*

## Establishing a Hepatobiliary Center in the Middle of an Economic Crisis: Lessons (to Be) Learned from the American College of Surgeons

Georgios Tsoulfas, MD, FACS, *Thessaloniki, Greece*

## Saphenous Vein Incompetence Treated in a Minimalist Approach

Jorge H. Ulloa, MD, *Bogotá, Colombia*

## The Process and Outcomes of a Nurse-Led Colorectal Cancer Follow-Up Clinic

Christopher J. Wakeman, MBChB, MMed(Sci), *Christchurch, New Zealand*

## Cognitive Function Assessment after Aneurysmal Subarachnoid Hemorrhage

George K. C. Wong, MD, *Hong Kong, China*

## Enhancing Enhanced Recovery after Colorectal Surgery

Stephen R. Smith, MB, BS, FRACS, *Newcastle, Australia**Sponsored by the International Relations Committee***PS319 | 2:30 - 4:00 pm****Quality Colorectal Cancer Care: What You Should Know***Location: Ballroom AB*

TRACKS: CRS, ONC

MODERATOR: Jose G. Guillem, MD, FACS, *New York, NY*CO-MODERATOR: Samantha K. Hendren, MD, MPH, FACS, *Ann Arbor, MI*

It is critical that patients suffering from colorectal cancer receive high-quality care. This panel will address measures that are being proposed to evaluate and treat patients with colorectal cancer and debate optimal management of difficult clinical situations. Topics will include: (1) assessing the quality of mesocolic and mesorectal excision for colorectal cancer—number of nodes, sentinel nodes, and morphology of the mesentery; (2) how to treat rectal cancer and use of magnetic resonance imaging (MRI) or ultrasound; (3) use of clinical checklists to improve care of patients with colorectal cancer; (4) the optimal management of patients presenting with stage IV disease and an asymptomatic primary tumor or a partially obstructing rectal cancer; and (5) the role of radiotherapy and chemotherapy.

## How to Treat Rectal Cancer: Can Magnetic Resonance Imaging (MRI) or Ultrasound Make the Decisions for You?

Robin S. McLeod, MD, FACS, FRCSC, *Toronto, ON*

## Assessing the Quality of Mesorectal Excision for Rectal Cancer: Number of Nodes, Sentinel Nodes, Morphology of the Mesentery: What Is Important?

Mariana Berho, MD, *Weston, FL*

## What Is the Role of Induction Chemotherapy and Pre-operative Chemoradiation Therapy for Rectal Cancer?

Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

## What Is the Optimal Management of an Asymptomatic Patient Presenting with Stage IV Disease and a Partially Obstructing Rectal Cancer?

Philip B. Paty, MD, FACS, *New York, NY*

## Can Clinical Checklists Improve Care of Patients with Colorectal Cancer?

James W. Fleshman, MD, FACS, FASCRS, *Dallas, TX**Sponsored by the Advisory Council for Colon and Rectal Surgery***PS320 | 2:30 - 4:00 pm****Looking Back and Moving Forward: 100 Years of Surgical Research***Location: Ballroom C*

TRACKS: CEN, GEN

MODERATOR: Kamal M. F. Itani, MD, FACS, *West Roxbury, MA*CO-MODERATOR: Nancy N. Baxter, MD, FACS, *Toronto, ON*

Surgeons have made enormous contributions to the advancement of science and the cure of disease. Building on 100 years of contributions in surgical research, members of this panel will envision the next 100 years of surgical research. In each of the basic, translational, educational, and clinical aspects of surgery, a surgeon will give a 100-year overview of progress in transplantation, tissue engineering, trauma, and cancer surgery. The same surgeons will envision the next 100 years of progress in each area, assuming lack of financial and regulatory constraints.



The speakers will use advanced audio-visual tools that will capture the audience's imagination and their interest in research.

**Transplantation and Tissue Engineering**  
Joseph P. Vacanti, MD, FACS, *Boston, MA*

**Trauma**  
Kenneth L. Mattox, MD, FACS, *Houston, TX*

**Cancer Treatment**  
Monica M. Bertagnolli, MD, FACS, *Boston, MA*

*Sponsored by the Surgical Research Committee*

**PS321 | 2:30 - 4:00 pm**

**Gunshot Wounds to the Face: Contemporary Management**

*Location: 206*

TRACKS: OTO, PLA, TRA

MODERATOR: Ghali E. Ghali, DDS, MD, FACS, *Shreveport, LA*

CO-MODERATOR: Michael A. Fritz, MD, *Cleveland, OH*

This session will include presentations on contemporary management of gunshot wounds to the face, including initial assessment and stabilization from the emergency room to the operating room, intra-operative and postoperative care, and the role of microvascular free-tissue transfers. A panel discussion that includes a trauma surgeon will be part of the program.

**Initial Assessment**

Patrick M. Reilly, MD, FACS, FCCP, *Philadelphia, PA*

**Initial Stabilization of Dentoalveolar and Skeletal Injuries**

David B. Powers, DMD, MD, FACS, *Durham, NC*

**Soft-Tissue Reconstruction**

Salvatore C. Lettieri, MD, FACS, *Phoenix, AZ*

**Microvascular Reconstruction**

Michael A. Fritz, MD, *Cleveland, OH*

*Sponsored by the American College of Surgeons Section on Oral and Maxillofacial Surgery, the Advisory Council for Otolaryngology-Head & Neck Surgery, and the Committee on Trauma*

**PS322 | 2:30 - 4:00 pm**

**State of the Art in Head and Neck Trauma, Adult and Pediatric**

*Location: 207*

TRACKS: OTO, PED, TRA

MODERATOR: Thomas M. Scalea, MD, FACS, *Baltimore, MD*

CO-MODERATOR: George C. Velmahos, MD, FACS, *Boston, MA*

Trauma of the head and neck has advanced significantly in the last decade with U.S. military involved in overseas conflicts, and significant improvements in pediatric trauma treatment nationally. Covering a wide breadth of specialties including the trauma surgeon, vascular, plastics, ENT, and pediatric and neurosurgery, this session will bring you up to date in the latest advances and thinking in this multidisciplinary, multifaceted field.

**Penetrating Injuries to the Face: Strategies and Personnel**

Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

**Traumatic Brain Injury: What the General Surgeon Needs to Know**

Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD*

**Blunt Cervical Vascular Injury: What Is the State of the Art?**

Walter L. Biffl, MD, FACS, *Denver, CO*

**Penetrating Cervical Vascular Injuries: Diagnosis and Techniques**

Marc A. de Moya, MD, FACS, *Boston, MA*

**Tracheal and Esophageal Injury: Techniques for Repair**

Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

*Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery, the Advisory Council for Pediatric Surgery, and the Committee on Trauma*

**PS323 | 2:30 - 4:00 pm**

**Neoadjuvant Therapy: Finding the New Normal in Cancer Treatment**

*Location: 152*

TRACK: ONC

MODERATOR: Lisa Bailey, MD, FACS, *Oakland, CA*

CO-MODERATOR: Y. Nancy You, MD, MHSc, FACS, *Houston, TX*

Speakers will discuss: (1) neoadjuvant therapy of cancer—general concepts and rationale; (2) breast cancer; (3) pancreatic cancer; (4) rectal cancer; and (5) managing nodal disease following neoadjuvant therapy. This session will also feature a 30-minute panel discussion.

**Neoadjuvant Therapy of Cancer: History, General Concepts, and Rationale**

Lisa Bailey, MD, FACS, *Oakland, CA*

**Breast Cancer**

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

**Pancreatic Cancer**

Matthew H. G. Katz, MD, *Houston, TX*

**Rectal Cancer**

Martin R. Weiser, MD, FACS, *New York, NY*

**Practical Aspects of Doing Clinical Trials in Your Practice: Community Clinical Oncology Programs and Beyond**

Jon M. Greif, DO, FACS, *Oakland, CA*

*Sponsored by the Commission on Cancer*

**PS324 | 2:30 - 4:00 pm**

**Contemporary Approaches to Dialysis Access**

*Location: 144*

TRACK: VAS

MODERATOR: Eric K. Peden, MD, FACS, *Houston, TX*

CO-MODERATOR: Karen Woo, MD, FACS, *Los Angeles, CA*

This panel will review the latest issues in the diagnosis, treatment, and complications that occur during surgical management of dialysis access.



### Should Fistulas Always Be First? Defining Quality of Care in Hemodialysis Access

David L. Cull, MD, FACS, *Greenville, SC*

### Brachial-Brachial Fistulas

Christian M. deVirgilio, MD, FACS, *Torrance, CA*

### Transposing the Femoral Vein to the Upper Extremity

Thomas S. Huber, MD, FACS, *Gainesville, FL*

### Management of the Nonmaturing Fistula

Alik Farber, MD, FACS, *Weston, MA*

### Management of the Thrombosed/Failing Fistulas

Scott S. Berman, MD, FACS, *Tucson, AZ*

*Sponsored by the Advisory Council for Vascular Surgery*

**PS329 | 2:30 – 4:00**

### Surgical Insights from France

*Location: 154*

TRACK: CRS, GEN, INT

MODERATOR: Layton F. Rikkers, MD, FACS, *Madison, WI*

CO-MODERATOR: Henri Bismuth, MD, FACS(Hon), *Villejuif, France*

### Special Features of Liver Metastases from Rectal Carcinoma

Laurence Chiche, MD, *Bordeaux, France*

### Islet Cell Transplantation: The French Experience

Francois Pattou, MD, *Lille, France*

### Congenital Dilatation of Intrahepatic Bile Ducts

Jean-Yves Mabrut, MD, *Lyon, France*

*Sponsored by the Program Committee and the International Relations Committee*

**PS325 | 4:15 - 5:45 pm**

### Help! I Can't Close the Abdomen: Now What?

*Location: Ballroom AB*

TRACK: GEN

MODERATOR: Martin A. Croce, MD, FACS, *Memphis, TN*

CO-MODERATOR: Preston R. Miller III, MD, FACS, *Winston-Salem, NC*

The modern management of the catastrophically ill trauma and intensive care unit patients has led to a huge increase in the number of patients who survive horrific abdominal disasters only to then live with skin-grafted abdomens, multiple fistulas, and disabling loss of the abdominal wall. This session will discuss current management of the open abdomen, strategies to obtain closure instead of skin grafting, and techniques to manage multiple enterocutaneous fistulae. Can the disaster abdomen be approached with a laparoscopic technique? Nutritional rehabilitation, wound care techniques and surgical procedures to close these difficult abdominal walls will be covered. Use of resources, such as referral centers and how to get help in the management of these patients, will be a key portion of the discussion.

### Utility of Damage Control in Emergency General Surgical Patients

Preston R. Miller III, MD, FACS, *Winston-Salem, NC*

### Techniques for Temporary Abdominal Wall Closure

Charles A. Adams, Jr., MD, FACS, *Providence, RI*

### Reconstruction Techniques of the Open Abdomen: Acute and Delayed

David J. Ciesla, MD, FACS, *Tampa, FL*

### Long-Term Outcomes of Abdominal Wall Reconstruction

Martin A. Croce, MD, FACS, *Memphis, TN*

*Sponsored by the Advisory Council for General Surgery*

**PS326 | 4:15 - 5:45 pm**

### Risk and Opportunity of Employed Physicians in an Integrated Health System

*Location: Ballroom C*

TRACK: GEN

MODERATOR: Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*

CO-MODERATOR: Jin H. Ra, MD, FACS, *Jacksonville, FL*

This session will evaluate and provide an outline for employed surgeons who will now need to understand their new role and opportunity as a member of an integrated health system. This new role will involve understanding the culture, mission, vision, and goals of the system, as well as navigating through contracts, compensation, governance, and evaluation.

### The Changing Paradigm of a Surgical Career: What Every Surgeon Should Consider When Evaluating an Employed Practice Opportunity

Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*

### The Twin Peaks of Quality and Reimbursement: What Looms Before Every Practicing Surgeon

Frank G. Opelka, MD, FACS, *Washington, DC*

### Emerging Payment Models: How Surgeons Will Be Paid, and for What

James C. Denny, MD, FACS, *Columbia, MO*

*Sponsored by the Governors Committee on Socioeconomic Issues*

**PS327 | 4:15 - 5:45 pm**

### Advancing the Surgeon's Role in Cancer Prevention and Clinical Trials

*Location: 206*

TRACK: ONC

MODERATOR: Isabelle Bedrosian, MD, FACS, *Houston, TX*

CO-MODERATOR: Dennis A. Wigle, MD, FACS, *Rochester, MN*

Surgeons serve a critical role in identifying, treating, and following patients who are at the highest risk for malignancy. This program will provide an update on cancer prevention clinical trials within the Alliance for Clinical Trials in Oncology and will highlight the new molecular pathways of carcinogenesis that are being targeted in breast, lung, and colorectal prevention fields. Principal investigators from currently active trials will present the studies and describe how clinicians may enroll their patients. Planned trials will be detailed and their rationale explained to the audience. Emphasis will be placed on informing the participants on new findings in the realm of molecular medicine and how this knowledge is being used to personalize the field of prevention.



### A Novel Approach to Management of Ductal Carcinoma in Situ: CALGB 40903 Trial

E. Shelley Hwang, MD, MPH, FACS, *Durham, NC*

### Metformin, Mammographic Density, and Breast Cancer Prevention: A211201 Companion Study to NCIC-CTG-MA.32

E. Shelley Hwang, MD, MPH, FACS, *Durham, NC*

### A Pilot Study of Metformin as a Chemoprevention Agent in Non-small Cell Lung Cancer

Dennis A. Wigle, MD, FACS, *Rochester, MN*

### Statin Polyp Prevention Trial in Patients with Resected Colon Cancer

Bruce M. Boman, MD, PhD, MSPH, FACP, *Newark, DE*

*Sponsored by Alliance for Clinical Trials in Oncology*

### PS330 | 4:15 - 5:45 pm Negotiating for Success

*Location: 152*

TRACKS: EDU, HP

MODERATOR: Adnan Ali Alseidi, MD, FACS, *Seattle, WA*

CO-MODERATOR: Steven L. Chen, MD, FACS, *Duarte, CA*

Negotiating to ensure success in a new position can be daunting. Balancing financial, legal, and workflow considerations can be challenging. This panel will focus on the different facets of contract and job negotiation. Speakers will emphasize what to look for in a job, in terms of goal alignment, understanding financial aspects of various compensation models, ensuring clinical success, and legal pitfalls to watch for in clinical positions.

### The Importance of Aligning the Mission and Vision

W. Scott Helton, MD, FACS, *Seattle, WA*

### Negotiating for Academic Success

N. Joseph Espot, MD, FACS, *Providence, RI*

### Negotiating for Clinical Success

Jennifer F. Tseng, MD, MPH, FACS, *Boston, MA*

### Long-Term Success: Bringing It All Together

Keith D. Lillemoe, MD, FACS, *Boston, MA*

*Sponsored by the Young Fellows Association*

## Thursday, October 10

### PS400 | 8:00 - 9:30 am 10 Hot Topics in General Surgery

*Location: Ballroom C*

TRACK: GEN

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

The panel will review 10 hot topics in general surgery.

### Single-Port Robotic Cholecystectomy

Peter Muscarella, MD, FACS, *Columbus, OH*

### Is Transvaginal Cholecystectomy Right for My Patient?

Santiago Horgan, MD, FACS, *San Diego, CA*

### Meshomania

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

### Oncoplastic Techniques in Breast Conserving Cancer Surgery

Helen Krontiras, MD, FACS, *Birmingham, AL*

### Management of Anticoagulation in Emergency Surgery

Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

### New Uses of Focused Assessment with Sonography in Trauma (FAST)

Roxie M. Albrecht, MD, FACS, *Oklahoma City, OK*

### Gadgets and Gimmicks for Gastroesophageal Reflux Disease

William O. Richards, MD, FACS, *Mobile, AL*

### Accelerating Ileus Resolution: From Chewing Gum to Pharmaceuticals

Anthony J. Senagore, MD, FACS, *Los Angeles, CA*

### Internal Hernia after Bariatric Surgery

Ronald H. Clements, MD, FACS, *Nashville, TN*

### Endoscopic Stenting of Gastric Sleeve Leaks

Dean J. Mikami, MD, FACS, *Columbus, OH*

*Sponsored by the Advisory Council for General Surgery*

### PS401 | 8:00 - 9:30 am The Geriatric Surgery Patient: Issues in Perioperative and End-of-Life Care

*Location: 202*

TRACKS: ETH, GER

MODERATOR: Ronnie A. Rosenthal, MD, FACS, *West Haven, CT*

CO-MODERATOR: Marcia M. Russell, MD, *Los Angeles, CA*

The population is aging, and surgeons are increasingly taking care of geriatric patients. The goal of the current session is to discuss three issues in geriatric care after an initial case-based presentation about a geriatric patient who experiences postoperative complications and functional decline. Speakers will discuss: (1) competencies in geriatric care and optimal preoperative assessment of the geriatric patient; (2) informed consent in the elderly patient addressing do not resuscitate (DNR) status and quality of life; and (3) ethics of patient autonomy and surgeons' professional integrity. This session will provide the audience with a summary of available guidelines for geriatric care, as well as tools for addressing quality of life, end of life, and ethical issues that are commonly faced with geriatric surgery patients.

### Developing Competencies and Practice Guideline for Geriatric Surgery

Nestor F. Esnaola, MD, MPH, FACS, *Philadelphia, PA*

### Informed Consent: Considering Quality of Life and Patient Goals

Sandhya A. Lagoo-Deenadayalan, MD, PhD, FACS, *Durham, NC*

### Patient Autonomy vs. Surgeon's Integrity

Gretchen Schwarze, MD, FACS, *Madison, WI*

*Sponsored by the Task Force on Geriatric Surgery and the Committee on Ethics*



**PS402 | 8:00 - 9:30 am**  
**Simulation Training in the Intensive**  
**Care Unit (ICU)**

*Location: 207*

TRACK: TRA

MODERATOR: John H. Armstrong, MD, FACS, *Ocala, FL*  
 CO-MODERATOR: Lena M. Napolitano, MD, FACS, FCCP,  
 FCCM, *Ann Arbor, MI*

The educational process for trainees and the skills validation process for practicing surgeons are increasingly capitalizing on the benefits of surgical simulation. Simulation provides a safe milieu for training of caregivers at all levels of the educational spectrum without involving live patients. Currently accessible examples of simulation models and complete ICU scenario systems will be demonstrated by surgeons with a wealth of experience in education. How these simulators can be integrated into the educational process will be reviewed along with a practical discussion regarding the setup, acquisition, and maintenance costs.

**Simulation and Surgical Critical Care**

John H. Armstrong, MD, FACS, *Ocala, FL*

**Setting the Stage for Simulation**

Mark W. Bowyer, MD, FACS, *Bethesda, MD*

**Safer ICU Procedures through Simulation**

Luis E. Llerena, MD, FACS, *Tampa, FL*

**ICU Scenarios and Simulation**

Raymond Fang, MD, FACS, *Baltimore, MD*

*Sponsored by the Committee on Trauma and the Committee on Emerging Surgical Technology and Education*

**PS403 | 8:00 - 9:30 am**  
**Outpatient Venous Procedures**

*Location: 145*

TRACK: VAS

MODERATOR: Ellen D. Dillavou, MD, FACS, *Pittsburgh, PA*  
 CO-MODERATOR: Colleen J. Moore, MD, FACS,  
*Cape Girardeau, MO*

This panel will examine the contemporary practice of outpatient management of varicose veins. Questions to be answered include: How to make the diagnosis? Which vein to treat? How to treat? How to get paid for treatment? Sclerotherapy versus ablation, accreditation of venous centers, and other topics will be discussed.

**Venous Diagnosis and Ultrasound**

Brian G. DeRubertis, MD, *Los Angeles, CA*

**Anatomy and Perforators**

Max C. Hutton, MD, *Cleveland, OH*

**Venous Treatment Algorithms**

Cynthia K. Shortell, MD, FACS, *Durham, NC*

**Ablation: Radiofrequency, Laser, and Mechanico-Chemical**

Jennifer A. Heller, MD, FACS, *Baltimore, MD*



**Sclerotherapy and Phlebectomy**

Michael J. Singh, MD, FACS, *Pittsburgh, PA*

**Business Aspects of Venous Care**

John Blebea, MD, FACS, *Tulsa, OK*

**Accreditation**

Ellen D. Dillavou, MD, FACS, *Pittsburgh, PA*

*Sponsored by the Advisory Council for Vascular Surgery*

**PS404 | 8:00 - 9:30 am**

**How to Bring Biologic Therapies and Devices to Clinical Use**

*Location: 206*

TRACK: INFO

MODERATOR: Edith Tzeng, MD, FACS, *Pittsburgh, PA*  
 CO-MODERATOR: Thomas M. Krummel, MD, FACS,  
*Stanford, CA*

As surgeons, we provide direct patient care and understand the therapeutic challenges of surgical diseases better than the scientists who may study these processes. Thus, surgeon investigators play a pivotal role in the design and translation of biologic therapies and innovative devices that may improve patient outcomes. However, the regulatory processes of translating such ideas into patient care are intimidating and appear to be insurmountable. Education in the steps to bring a biologic therapy or innovative new medical device to clinical trial and ultimately to patient care is essential. Thus, a course that takes advantage of our location in Washington, DC, to tap the U.S. Food and Drug Administration for guidance in the basic steps required to submit an Investigational New Drug application or an Investigational Device Exemption may shed valuable light on these processes.

**The Role of Surgeons in Bringing Biologic Therapies and Devices to Clinical Use: An Overview**

Thomas M. Krummel, MD, FACS, *Stanford, CA*

**Investigational New Drug and Investigational Device Exemption Processes: How-To Advice from the FDA**

Herbert P. Lerner, MD, *Silver Spring, MD*

**Institutional- vs. Individual-Held Investigational New Drugs: Risks and Benefits**

David L. Bartlett, MD, FACS, *Pittsburgh, PA*

**How to Fund INDs and Investigational Device Exemptions?**

Mitchell P. Fink, MD, FACS, *Waltham, MA*

*Sponsored by the Committee for the Forum on Fundamental Surgical Problems and the Committee on Emerging Surgical Technology and Education*

**PS405 | 9:45 - 11:15 am**

**What's New in Advocacy and Health Policy: Top 10 Advances in the Past Year**

*Location: 202*

TRACK: HP

MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*  
 CO-MODERATOR: Andrew L. Warshaw, MD, FACS, *Boston, MA*





This session will introduce the ACS Division of Advocacy and Health Policy (DHAP) to Fellows. Attendees will achieve the following outcomes: (1) understand the College's investment in health policy; (2) learn the new structure and committees responsible for advocacy on behalf of the ACS; (3) develop a clear insight to the advocacy and health policy strategy; and (4) understand why the ACS has earned credibility and respect from our government.

#### Medicare Physician Payment

Charles D. Mabry, MD, FACS, *Pine Bluff, AR*

#### The Legislative Perspective

Don J. Selzer, MD, FACS, *Indianapolis, IN*

#### The View from the ACS DC Office

Christian Shalgian, *Washington, DC*

*Sponsored by the Health Policy and Advocacy Group and the Program Committee*

#### PS406 | 9:45 - 11:15 am

#### Trauma Care Around the World: Differences, Similarities, and Controversies

*Location: Ballroom C*

TRACKS: INT, TRA

MODERATOR: George C. Velmahos, MD, FACS, *Boston, MA*

CO-MODERATOR: Juan Carlos Puyana, MD, FACS, FRCS, FACC, *Pittsburgh, PA*

This session will describe specific injuries as they are expertly managed in different countries. Based on cultural, geographical, and social reasons, certain injuries are more prevalent in some countries. For example, there are regions with a very high prevalence of penetrating torso injuries, while others see a great number of falls from heights. This has allowed the development of great experience and expertise by local teams, which have produced pathways and innovative methods of treating these injuries. Although trauma is similar around the world, the management and outcomes may differ. This session will emphasize such similarities and differences and allow healthy debates on the optimal way of managing complex injuries.

#### Penetrating Cardiac Trauma in Colombia

Alberto F. Garcia, MD, *Calí, Colombia*

#### Complex Pelvic Trauma in Australia

Zsolt J. Balogh, MD, PhD, FACS, *Newcastle, Australia*

#### Penetrating Abdominal Trauma in South Africa

Pradeep H. Navsaria, MBChB, FCS(SA), MMED(Surg), *Cape Town, South Africa*

#### Resuscitative Thoracotomies on the Field in England

Karim Brohi, MD, FRCS, FRCA, *London, United Kingdom*

#### Meaningful Solutions to Improve Trauma Care in Africa

S. Morad Hameed, MD, MPH, FACS, FRCS, *Vancouver, BC*

#### World-Class Research in Developing Countries

Jamshid Ghajar, MD, PhD, FACS, *New York, NY*

*Sponsored by the International Relations Committee and the Committee on Trauma*

#### PS407 | 9:45 - 11:15 am

#### Current Options in Management of Hepatoma

*Location: 207*

TRACK: GEN

MODERATOR: J. Kelly Wright, Jr., MD, FACS, *Nashville, TN*

CO-MODERATOR: Charles R. Scoggins, MD, FACS, *Louisville, KY*

The current management of hepatoma is evolving and controversial. This session will examine the current options including surgical resection, liver transplantation, and radiofrequency ablation. The panelists will discuss the pros and cons of the various management strategies to provide the attendees with an understanding of modern management of hepatoma.

#### Hepatic Resection for Hepatocellular Carcinoma

Michael I. D'Angelica, MD, FACS, *New York, NY*

#### The Role of Liver Transplantation for Hepatocellular Carcinoma

Elizabeth A. Pomfret, MD, FACS, *Burlington, MA*

#### When Surgical Options Are Not Available

Sunil K. Geevarghese, MD, MSCI, FACS, *Nashville, TN*

*Sponsored by the Program Committee and the Advisory Council for General Surgery*

#### PS408 | 9:45 - 11:15 am

#### It Pays for Your Patients to Quit Smoking before Surgery: Outcomes, Interventions, and Reimbursement

*Location: 145*

TRACK: EDU

MODERATOR: David V. Feliciano, MD, FACS, *Indianapolis, IN*

CO-MODERATOR: Laurel C. Soot, MD, FACS, *Portland, OR*

Although 30 percent of patients requiring general surgery smoke and cessation interventions as brief as three minutes can increase quit rates as well as be reimbursed, only 13 percent of surgeons provide smoking cessation counseling. This panel will present the current evidence on adverse outcomes of operating on patients who smoke. Quick and practical methods that surgeons may use to counsel and support patients in smoking cessation will be included, along with guidance on coding and reimbursement. Materials will include the new American College of Surgeons resource *Quit Smoking before Surgery* and how this can be implemented into your electronic medical record and support the meaningful use objective of patient engagement.

#### The Effect of Smoking on Surgery Complications: Wounds, Pain, Infection, Deep Vein Thrombosis, and Pulmonary Embolism

Michael J. Rosen, MD, FACS, *Solon, OH*

#### You Can Do Smoking Cessation: Quick, Practical, and Effective Methods for Surgeons to Use with Patients

David W. Johnstone, MD, FACS, *Milwaukee, WI*

#### Some Advice on Coding, Reimbursement, and Meeting the Patient Engagement Meaningful Use Objective

Robert S. Jasak, JD, *Washington, DC*

*Sponsored by the Patient Education Committee*

# Abstract Sessions

The following sessions represent the four abstract programs, including Scientific Papers (SP), Scientific Poster Presentations (PP), Surgical Forum (SF), and Video-based Education (VE).

## Scientific Papers (SP)

The Scientific Papers is a forum of more than 100 paper abstracts presenting research in areas across the spectrum of surgical practice.

*Sponsored by the Program Committee*

### Monday, October 7

**SP01 | 9:45 - 11:15 am**

#### **Bariatric Surgery**

*Location: 151A*

TRACK: GEN

CO-MODERATOR: Ninh T. Nguyen, MD, FACS, *Orange, CA*

CO-MODERATOR: Ronald H. Clements, MD, FACS, *Nashville, TN*

#### **Comparative Effectiveness of Bariatric Surgery: Mechanisms of Diabetes Remission after Weight-Loss Surgery**

John M. Morton, MD, MPH, FACS; Leva Natalia; Crowe Chris; Homero Rivas, MD, FACS. *Stanford University, CA.*

#### **Quality and Safety in Obesity Surgery: 15 Years of Roux-en-Y Gastric Bypass Outcomes from a Longitudinal Database**

Anna Weiss, MD; Tazo S. Inui, MD; Alisa M. Coker, MD; Garth R. Jacobsen, MD, FACS; Mark Talamini, MD, FACS; Santiago Horgan, MD; David C. Chang, PhD, MPH; Bryan Sandler, MD, FACS. *University of California, San Diego.*

#### **Role of Ghrelin in Improved Insulin Sensitivity in the Immediate Postop Period after Roux-en-Y Gastric Bypass (RYGB) Surgery**

Anna E. Garcia, BSPH; Nader Kasim, MD; Joseph Antoun, PhD; Ronald H. Clements, MD; Brandon Williams, MD; Pamela Marks-Shulman; Robyn A. Tamboli, PhD; Naji N. Abumrad, MD, FACS. *Vanderbilt University Medical Center, Nashville, TN.*

#### **Should Fundoplication Be Added to Sleeve Gastrectomy in Patients with Gastroesophageal Reflux Disease (GERD)? A Prospective Novel Approach**

Abdelkader A. Hawasli, MD, FACS; Ahmed Meguid, MD, FACS; Alwyn Harriott, MD, FACS; Bradley Hare, MD; Naga Thatimatla, MD; Taghreed Almahmeed, MD, FRCSC; Susan Szpunar, PhD. *St. John Hospital and Medical Center, Detroit, MI.*

**The Utility of the Surgical Apgar Score as Compared to Other Surgical Risk Assessments in Bariatric Surgery**  
Ilana Greene; Heekoung A. Youn, RN; Daniela Treitl; Bradley F. Schwack, MD; George A. Fielding, MD; Christine R. Fielding, MD, FACS; Marina S. Kurian, MD, FACS. *New York University, New York City.*

**SP02 | 11:30 am - 1:00 pm**

#### **Endocrine**

*Location: 151A*

TRACK: GEN

CO-MODERATOR: Richard A. Hodin, MD, FACS, *Boston, MA*

CO-MODERATOR: Carmen C. Solorzano, MD, FACS, *Nashville, TN*

#### **A Comparative North American Experience of Robotic Adrenalectomy for the Treatment of Benign Adrenal Tumors**

Ahmad Saeed, MD; Ibrahim M. Yola, MD, MPH; Emad Kandil, MD, FACS. *Tulane University, New Orleans, LA.*

#### **A Comparison of Robotic vs. Laparoscopic Adrenalectomy**

Shamil Aliyev, MD; Onur Birsan, MD; Halit E. Taskin, MD; Orhan Agcaoglu, MD; Jamie Mitchell, MD; Allan E. Siperstein, MD; Eren Berber, MD. *Cleveland Clinic, OH.*

#### **Antiangiogenic Effect of Dovitinib in Neuroendocrine Tumors Overexpressing the FGFR3 Gene**

Michael A. Hall, MD; Tanja Milosavljevic, PhD; Peter Casey; Elise Juge; Catherine T. Anthony, PhD; Katherine C. Wood, PhD; Eugene A. Woltering, MD, FACS. *Louisiana State University Health Sciences Center, New Orleans.*

#### **Elevated Postoperative PTH Levels Prevent Bone Marrow Density Improvements in Patients with Primary Hyperparathyroidism**

Kamal Ahmed, MD; Amal Alhefdhi, MD; Herbert Chen, MD, FACS; Rebecca S. Sippel, MD, FACS. *University of Wisconsin, Madison.*

#### **Parathyroid Double Adenomas: Fact or Fiction?**

Kelly L. McCoy, MD, FACS; Sally E. Carty, MD, FACS; Michael J. Armstrong, PhD; Michael T. Stang, MD, FACS; Linwah Yip, MD, FACS. *University of Pittsburgh, PA.*

#### **Risk Factors, Clinical, and Economic Consequences of Neck Hematoma after Thyroid and Parathyroid Surgery: Ten Years Analysis of National Inpatient Sample Database**

Ahmed Dehal, MD, MPH; Ali Abbas, MD, MPH. *Arrowhead Regional Medical Center/Kaiser Permanente, Colton, CA.*

#### **Surgical Resection of Carotid Body Paraganglioma: Should Genetic Background Modify Surgical Indications?**

Ryan J. Ellis; Dhaval Patel, MD; Tamara Prodanov; Karen Adams, RN; Naris Nilubol, MD, FACS; Karel Pacak, MD, PhD; Electron Kebebew, MD, FACS. *National Cancer Institute, Bethesda, MD.*

### Thyroidectomy for Compressive Symptoms in Benign Disease

William Mendez-Latalladi, MD, FACS; Annette Pascual, MPH; Jonathan Matías. *University of Puerto Rico, San Juan.*

### SP03 | 11:30 am - 1:00 pm Liver/Biliary Tract/Pancreas I Location: 150

TRACK: GEN

MODERATOR: David A. Kooby, MD, FACS, *Atlanta, GA*

### Challenging Surgical Dogma: The Relationship between Age and CBD Size in 983 Patients with Suspected Choledocholithiasis

Efstathios Karamanos, MD; Kenji Inaba, MD, FACS, FRCSI; Regan J. Berg, MD; Shelby Resnick, MD; Obi T. Okoye, MD; Konstantinos Chouliaras, MD; Rick Selby, MD; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County and University of Southern California Medical Center.*

### Expression Levels of Collagen 6 Alpha 3 Isoforms and Their Relationship with Clinicopathological Features in Pancreatic Cancer

Christopher Y. Kang, MD; Konrad Sarosiek, MD; Galina Chipitsyna, PhD; Shivam Saxena; Ankit Gandhi; Charles J. Yeo, MD; Mon-Li Chu, PhD; Hwyla A. Arafat, MD, PhD. *Thomas Jefferson University Hospital, Philadelphia, PA.*

### Primary Choledochorrhaphy is Associated with Reduced Complications Compared to T-Tube Drainage after Choledochotomy: A Meta-Analysis and Systematic Review

Prashant Sukharamwala, MD; Jonathan Thoens, MD; Shailraj Parikh, MD; Safi Haq, MD; James Smith, MD, FACS; Abdul Ghani, MD; Peter DeVito, MD, FACS. *Northside Medical Center, Youngstown, OH.*

### Risk Factors for Organ Space Surgical Site Infection in Patients Undergoing Pancreatic Resections: Analysis of 650 Consecutive Cases in a Single Institution

Feng Yang, MD, PhD; Chen Jin, MD, PhD; Deliang Fu, MD, PhD; Yongjian Jiang, MD; Ji Li, MD; Yang Di, MD; Lie Yao, MD; Sijie Hao, MD; Xiaoyi Wang, MD; Hang He, MD. *Huashan Hospital, Fudan University, Shanghai, China.*

### The Effect of a High-Fat, High-Calorie Diet on Peripancreatic Inflammation and Pancreatic Cancer Development

Kathleen M. Hertzner, MD, PhD; Aune Moro; Aurelia Lugea, PhD; David Dawson, MD; Stephen Pandol, MD; Anna Gukovskaya, PhD; Enrique Rozengurt, DVM, PhD; O. Joe Hines, MD, FACS; V.L.W. Go, MD; Guido Eibl, MD. *David Geffen School of Medicine at University of California, Los Angeles.*

### SP04 | 2:30 - 4:00 pm Quality, Outcomes, and Costs I

Location: 149

TRACK: EDU

CO-MODERATOR: Larissa K.F. Temple, MD, FACS, *New York, NY*

CO-MODERATOR: Craig S. Derkay, MD, FACS, *Norfolk, VA*

### A System-Wide Care Pathway for Enhanced Recovery after Bowel Surgery Focusing on Alimentation and Ambulation Reduces Complications and Readmissions

Terrence J. Loftus, MD, FACS; Susan Stelton, MSN, RN; Brett W. Efaw. *Banner Health, Phoenix, AZ.*

### Colonoscopy Audit: Performance Relies on Experience, Not Speciality

Claire H. Richards, MB, BS; Camille Yvon, MB, BS; Piero Nastro, MD, MRCS; Pankaj Gandhi, MD, FRCS. *Medway Maritime NHS Hospital, Gillingham, United Kingdom.*

### Hospital Volume and Outcomes for Bariatric Surgery in the Modern Era

Oliver A. Varban, MD; Justin B. Dimick, MD, MPH, FACS; Bradley N. Reames, MD; Jonathan F. Finks, MD; Jyothi Thumma, MPH. *University of Michigan Health System, Ann Arbor.*

### Long-Term Assessment of Quality for Laparoscopic Inguinal Herniorrhaphy: We're Better Than We Think

Tazo S. Inui, MD; Ralitza Parina, MPH; David C. Chang, PhD, MPH; Garth R. Jacobsen, MD, FACS. *University of California, San Diego.*

### Long-Term Cost Effectiveness of Medical, Surgical, and Endoscopic Management of Gastroesophageal Reflux Disease

James Zhang; Luke M. Funk, MD, MPH; Joseph M. Drosdeck, MD; W. Scott Melvin, MD, FACS; Kyle A. Perry, MD. *The Ohio State University Wexner Medical Center, Columbus.*

### Patient, Disease, and Procedure-Specific Risk Factors for Colorectal Surgical Site Infections (SSI) from a Single Institution's ACS NSQIP® Data Set

Elizabeth B. Habermann, PhD, MPH; Maria L. Martinez Ugarte, MD; Thomas J. O'Byrne; Sharon A. Nehring, RN; Robert R. Cima MD, FACS, FASCRS. *Mayo Clinic, Rochester, MN.*

### The Expansive Cost of Wound Complications following Ventral Hernia Repair

Paul D. Colavita, MD; Alla Y. Zemlyak, MD; Victor B. Tsriline, MD; Patrick V. Burton; Kristian T. Dacey; Amanda L. Walters; Amy E. Lincourt, PhD; Vedra A. Augenstein, MD; Kent W. Kercher, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC.*

### Validation of the Surgical Apgar (SA) Score for Predicting Adverse Events following Colorectal Surgery: An Institutional American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Analysis

Robert R. Cima, MD, FACS, FASCRS; Thomas J. O'Byrne; Sharon A. Nehring, RN; Elizabeth B. Habermann, PhD, MPH. *Mayo Clinic, Rochester, MN.*

SP05 | 4:15 - 5:45 pm

**Surgical Oncology I**

Location: 154

TRACK: ONC

CO-MODERATOR: Herbert Chen, MD, FACS, *Madison, WI*CO-MODERATOR: Martin S. Karpeh, MD, FACS, *New York, NY***A Novel Technique for Near-Infrared (NIR) Intraoperative Imaging of Breast Cancer and Sentinel Lymph Nodes (SLNs)**

Olugbenga T. Okusanya, MD; Brendan Judy; Ollin Venegas; Jon Quatromoni; Sunil Singhal, MD; Julia Tchou, MD, PhD, FACS. *University of Pennsylvania, Philadelphia.*

**Breast Cancer Patient Surveillance following Curative-Intent Treatment: Variation among U.S. Census Regions**

Emad S. Allam, MD; Ling Chen, PhD; Katherine S. Virgo, PhD; Julie A. Margenthaler, MD, FACS; Frank E. Johnson, MD, FACS. *St. Louis University Medical Center, MO.*

**Dual Suppression of the MAP Kinase and NF- $\kappa$ B Pathways Synergistically Inhibits Thyroid Cancer**

Koji Tsumagari, MD, PhD; Douglas Slakey, MD, FACS; Debasis Mondal, PhD; Asim B. Abdel-Mageed, PhD, DVM; Emad Kandil, MD, FACS. *Tulane University School of Medicine, New Orleans, LA.*

**Lymph Node Ratio Is a Negative Prognostic Indicator of Survival after Resection of Gastro-Esophageal Cancer**

Marcovalerio Melis, MD, FACS; Antonio Masi, MD; Antonio Pinna, MD; Steven Cohen, DO, FACS; H. Leon Pachter, MD, FACS; Elliot Newman, MD, FACS. *New York University, New York City.*

**Predicting Clinical Benefit after Completion of Treatment with the Adjuvant Breast Cancer (BCa) Vaccine, NeuVax (Neli pepimut-S or E75)**

MAJ John S. Berry IV, MD; Alfred F. Trappey, MD; James K. Aden, PhD; Alan K. Sears, MD; Timothy J. Vreeland, MD; Diane F. Hale, MD; Guy T. Clifton, MD; Sathibalan Ponniah, PhD; Elizabeth A. Mitten-dorf, MD, FACS; George E. Peoples, MD, FACS. *San Antonio Military Medical Center, Fort Sam Houston, TX.*

**Results from a Prospective Phase-3 Multi-Institutional Trial of 99mTc-Tilmanocept, A CD206-Targeted Molecular Sentinel Node Mapping Agent in Head/Neck Squamous Cell Carcinoma**

Amit Agrawal, MD; Stephen Y. Lai, MD, PhD, FACS; Francisco Civantos, MD; Kevin Brumund, MD; Douglas Chepeha, MD; William Carroll, MD; Russell Smith, MD; Robert Zitsch, MD; Walter Lee, MD; et al. *The Ohio State University, Columbus.*

**Tuesday, October 8**

SP06 | 8:00 - 9:30 am

**General Surgery I**

Location: 201

TRACK: GEN

MODERATOR: Laurel C. Soot, MD, FACS, *Portland, OR***Animal Model of Continuous Peritoneal Lavage****Associated with Vacuum Laparostomy**

Adilson Costa Rodrigues, Jr., MD; Luana Carla dos Santos; Diogo F. Valeiro Garcia, MD; Denise A. Otsuki, DVM, PhD; Edivaldo M. Utiyama, MD, PhD; Edna F. Souza Montero, MD, PhD; Samir Rasslan, MD, FACS. *School of Medicine São Paulo University, Brazil.*

**Elasbo Study: Emergency Laparoscopy for Relief of Adhesive Small-Bowel Obstruction: Indications, Technique, and Results in 103 Cases from a Multicenter Study of the WSES—Italian Working Group on Peritoneal Adhesions and Asbo Management**

Salomone Di Saverio, MD; Nereo Vettoreto, MD; Fausto Catena, MD, PhD, FRCS; Luca Ansaloni, MD; Ferdinando Agresta, MD; Michele Masetti, MD; Gregorio Tugnoli, MD; Elia Poiasina, MD; Simone Collura, MD; Elio Jovine, MD, PhD. *Maggiore Hospital, Bologna, Italy.*

**Factors Affecting the Hernia Recurrence after Strattice Mesh Repair**

Abdulraouf Y. Lamoshi, MBBCh, MPH, CTS; Fawad J. Khan, MB, BS. *West Virginia University, Morgantown.*

**Influence of Fibroblast and Mesenchymal Stem Cell Mesh Coating on Prosthetic's Long-Term Ingrowth**

Yue Gao, MD, PhD; David M. Krpata, MD; Jeffrey A. Blatnik, MD; Cory N. Criss, MD; James M. Anderson, MD, PhD; Michael J. Rosen, MD, FACS; Yuri W. Novitsky, MD. *University Hospitals Case Medical Center, Cleveland, OH.*

**Laparoscopic Monitored Colonoscopic Polypectomy (LMCP)**

Morris E. Franklin, Jr., MD, FACS; Miguel A. Hernandez, MD; Felice Ferri, MD. *Texas Endosurgery Institute, San Antonio.*

**Laparoscopic Ventral and Incisional Hernia Repair Procedure Times with a Positioning System Compared to Standard Placement Techniques**

Curtis E. Bower, MD, FACS; Katie M. Love, MD; James D. Hoskins; J. Scott Roth, MD, FACS. *University of Kentucky, Frankfort.*

**Safety of Laparoscopic Ventral Hernia Repair in High-Risk Cardiac and Pulmonary Patients**

Matthew G. Bean, DO; Chady Makary, MD; Alyssa Chapital, MD, FACS; Daniel J. Johnson, MD, FACS; Kristi L. Harold, MD, FACS. *Mayo Clinic Arizona, Phoenix.*

SP07 | 9:45 - 11:15 am

**Colon and Rectal Surgery I**

Location: 140

TRACK: CRS

CO-MODERATOR: Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*CO-MODERATOR: Sharon L. Stein, MD, FACS, *Cleveland, OH***A Novel Prognostic Model for Early-Stage Colon Cancer Using Automated Quantitative Tumor Tissue Analysis**

Elena A. Manilich, PhD; Mikhail Teverovskiy, PhD; Xiuli Liu, MD; Elia Portnoy; Feza H. Remzi, MD, FACS, FASCRS. *Cleveland Clinic, OH.*

**A Randomized, Multicenter, Open-Label Phase III Trial of Oral and Parenteral vs. Parenteral Antibiotic Prophylaxis in Elective Laparoscopic Colorectal Surgery: The Japan-Multinational Trial Organization PREV 07-01**

Hiroaki Hata, MD; Takashi Yamaguchi, MD; Suguru Hasegawa, MD, PhD, FACS; Akinari Nomura, MD; Koya Hida, MD, PhD; Satoshi Yamanokuchi, MD, PhD; Ryuta Nishitai, MD, PhD; Takeharu Yamanaka, PhD; Yoshiharu Sakai, MD, PhD, FACS. *Kyoto Medical Center, Japan.*

**Alvimopan, a Peripherally Acting  $\mu$ -opioid Antagonist, Augments the Benefit of an Enhanced Recovery Pathway for Intestinal Surgery Patients: Results of a Multicenter, Randomized, Placebo-Controlled Clinical Trial**

Robert C. Moesinger, MD, FACS; Matthew Peters, RN; Jie Zhang; Mark J. Ott, MD, FACS; Jennifer R. Green, RN, MPH; Gary Stroud, MSN; Jeannette L. Prochazka, MSN; Griffin Bullock; Tom Belnap; Keith A. Robbins, RN. *Intermountain Healthcare, Ogden, UT.*

**Clinical and Financial Outcomes following Rectal Resection in a Cohort of 60,000 Patients: Does Specialty Matter?**

Eric M. Haas, MD, FACS, FASCRS; Rodrigo Pedraza, MD; Marc Casasanta, MD; T. Bartley Pickron, MD. *Colorectal Surgical Associates, Ltd., LLP, Houston, TX.*

**Distribution of Colonic Polyps: Analysis of More Than 120,000 Colonoscopies**

Victor B. Tsirlin, MD; Igor Belyansky, MD; Chelsea Conroy; William Yokeley; Amanda L. Walters; Amy E. Lincourt, PhD; Ronald F. Sing, DO, FACS; B. Todd Heniford, MD, FACS. *Northwestern University, Lake Forest, IL.*

**Upstaging of Lymph Node Negative Colon Carcinomas by One-Step Nucleic Acid Amplification (OSNA): Results of the Prospective, European, Multicenter Study**

Roland S. Croner, MD, FACS; Carol I. Geppert, MD; Franz G. Bader, MD; Ulrich Nitsche, MD; Robert Rosenberg, MD; Andreas Zettl, MD; Xavier Matias-Guiu, MD; Jordi Tarragona, MD; Ulrich Güller, MD; Markus Zuber, MD. *University Hospital Erlangen, Germany.*

**SP08 | 12:45 - 2:15 pm**

**Surgical Education**

*Location: 201*

TRACK: EDU

MODERATOR: Carla M. Pugh, MD, FACS, *Madison, WI*

**Validation of a Framework to Categorize Deficiencies in Operative Performance**

Hilary A. Sanfey, MB, BCh, MPHE, FACS, FRCSI; Reed Williams, PhD; Dunnington Gary, MD, FACS; John Mellinger, MD, FACS. *Southern Illinois University, Carbondale.*

**Verbal Aggression Among Surgeons and Other Physicians and Trainees**

Steven C. Cunningham, MD, FACS; Gopal C. Kowdley, MD, PhD, FACS; Farin Kamangar, MD, PhD; Jenny L. Kessler, MD; Pamela A. Rowland,

PhD; David L. Levien, MD, FACS; Motahar Hosseini, MD. *St. Agnes Hospital, Baltimore, MD.*

**Evaluation of Ultrasound Simulator to Teach Focused Assessment with Sonography in Trauma (FAST) Exam**

Sigrid K. Burruss, MD; Ziyad Jabaji, MD; Chi Quach; Jonathan R. Hiatt, MD; O. Joe Hines, MD, FACS; Areti Tillou, MD. *University of California, Los Angeles.*

**Coaching Surgical Residents on Leadership in a Simulated Operating Room: Randomized Controlled Trial**

Nicole A. Kissane-Lee, MD; Amy G. Fiedler, MD; Laura M. Mazer, MD; Charles N. Pozner, MD; Douglas S. Smink, MD, MPH, FACS; Steven Yule, PhD. *Brigham and Women's Hospital, Boston, MA.*

**Formal Training and Use of a Standardized Mnemonic Improves the Quality of Patient Handoffs during Surgical Resident and Moonlighter Signout**

Grace A. Nicksa, MD, MPH; Ryutaro Hirose, MD, FACS; Linda M. Reilly, MD, FACS; Lygia Stewart, MD, FACS. *University of California, San Francisco.*

**A Better Way to Teach Knot Tying: A Randomized Controlled Trial Comparing the Kinesthetic and Traditional Methods**

Emily S. Huang, MD; Hueylan Chern, MD; Patricia S. O'Sullivan, PhD; Brian Cook; Erik McDonald; Barnard Palmer, MD; Terrence Liu, MD; Edward Kim, MD. *University of California, San Francisco.*

**Fresh-Tissue Dissection Laboratory Expanding Acute Care Surgery Education: University of Southern California Experience**

Peep Talving, MD, PhD, FACS; Michael Minneti; Jennifer Smith, MD; Stephen Varga, MD; Efstathios Karamanos, MD; Joseph N. Carey, MD; Maura Sullivan, PhD; Lydia Lam, MD, FACS; Thomas T. Noguchi, MD; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County and USC Medical Center, CA.*

**SP09 | 2:30 - 4:00 pm**

**Quality, Outcomes, and Costs II**

*Location: 208*

TRACK: EDU

MODERATOR: Craig S. Derkay, MD, FACS, *Norfolk, VA*

**Establishing a Quantitative Benchmark for Morbidity in Pancreatoduodenectomy Using ACS NSQIP®, the Accordion Severity Grading System, and the Postoperative Morbidity Index**

Charles M. Vollmer, MD, FACS; Russell S. Lewis; Bruce L. Hall, MD, PhD, FACS; Steven M. Strasberg, MD, FACS; Pancreas Morbidity Study Group. *University of Pennsylvania, Philadelphia.*

**Examination of Unplanned 30-Day Readmissions to a Tertiary Care Cancer Hospital**

Shawn D. Nichols, MD, FACS; Michael Antiporda, MD; Kristen Johnson; Kerri Walker, RN; Rhonda Nilsson, RN; Lisa Graham, MSN, RN; Sam Penza, MD; Carl Schmidt, MD, FACS. *Ohio State University, Columbus.*

### **Impact of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) in California**

Ralitza P. Parina, MPH; David C. Chang, PhD, MPH; Tazo S. Inui, MD; Mark A. Talamini, MD, FACS. *University of California, San Diego.*

### **Implementation and Validation of a Bedside Frailty Index to Improve Surgical Decision-Making**

Jason M. Johanning, MD, FACS; Mark A. Carlson, MD, FACS; Travis Bailey, MD; Neil B. Huben; Georgia A. Seevers, RN; Tammy Bockman, RN; Matthew Goede, MD, FACS; Thomas G. Lynch, MD, FACS. *University of Nebraska, Omaha.*

### **Successful Initiative to Reduce Surgical Site Infections at a County Hospital**

Silvia I. Gnass; Arnold Tabuenca, MD; Matias Gnass, MD; Daniel Ludi, MD; Kevin Chiang, MD; Ashfin Molkara, MD. *Riverside County Regional Medical Center, Moreno Valley, CA.*

### **Timing of Chemotherapy and Primary Tumor Resection in Patients with Stage IV Colon Cancer**

Gabriela M. Vargas, MD; Kristin M. Sheffield, PhD; Yimei Han; Abhishek D. Parmar; Courtney M. Townsend, MD, FACS; James S. Goodwin, MD; Kimberly M. Brown, MD; Taylor S. Riall, MD, PhD. *University of Texas Medical Branch, Galveston.*

### **Variation in Referral for Cystoscopy in Patients with Hematuria: A Quality-of-Care Concern in Primary Care Clinics**

David F. Friedlander; Matthew J. Resnick, MD; Chaochen You; David F. Penson, MD, FACS; Daniel A. Barocas, MD, MPH. *Vanderbilt University, Nashville, TN.*

### **SP10 | 2:30 - 4:00 pm**

#### **Trauma Surgery**

*Location: 206*

TRACK: TRA

MODERATOR: Soumitra R. Eachempati, MD, FACS, *New York, NY*

### **A Novel Decision Tree Approach Based on Transcranial Doppler to Screen for Blunt Cervical Vascular Injuries**

Dianna Purvis, PhD; Tayseer Aldaghlal, MD; Amber Trickey, PhD; Anne Rizzo, MD; Siddhartha Sikdar, PhD. *George Mason University, Fairfax, VA.*

### **Blood Product Resuscitation of Trauma Patients Presenting in Cardiac Arrest: Futile or Not?**

Rachael A. Callcut, MD, MSPH; Peter Muskat, MD, FACS; Mitchell J. Cohen, MD, FACS; John B. Holcomb, MD, FACS; Erin E. Fox, PhD; Charles E. Wade, PhD; Martin A. Schreiber, MD, FACS; Karen J. Brasel, MD, MPH, FACS; Eileen M. Bulger, MD, FACS; Bryce R. Robinson, MD, FACS. *University of California, San Francisco.*

### **Early Thromboembolic Prophylaxis in Patients with Blunt Solid Abdominal Organ Injuries Undergoing Nonoperative Management Is Safe**

Caitlyn M. Harrison; Bellal Joseph, MD; Dafney Lubin, MD; Viraj Pandit, MD; Gary Vercruysse, MD, FACS; Narong Kulvatunyou, MD, FACS; Andrew L.

Tang, MD, FACS; Terence O'Keeffe, MD, FACS; Randall S. Friesse, MD, FACS; Peter Rhee, MD, FACS. *University of Arizona, Tucson.*

### **Obesity Delays Functional Recovery in Trauma Patients**

Vinayak Dhungel, MD, MPH; Grant Lee, MD; Hrishikesh Raut, MD; Junlin Liao, PhD; Janelle Born, RN; Michele Lilienthal, RN; Kent Choi, MD. *University of Iowa Hospitals and Clinics, Iowa City.*

### **Positive Methicillin Resistant Staphylococcus Aureus [MRSA] Screening by Nasal Swab Is an Independent Predictor of Mortality**

Brian P. Tiu, MD; Srilakshmi Ponukumati, MD; Akella Chendrasekhar, MD, FACS. *Richmond University Medical Center, Staten Island, NY.*

### **Stenting Is Rarely Necessary for the Management of Advanced Blunt Cerebrovascular Injuries**

Clay C. Burlew, MD, FACS; Walter L. Biffl, MD, FACS; Ernest E. Moore, MD, FACS; Carlton C. Barnett, MD, FACS; Fredric M. Pieracci, MD; Denis D. Bensard, MD, FACS; Jeffrey L. Johnson, MD, FACS; Robert T. Stovall, MD; Gregory J. Jurkovich, MD, FACS. *Denver Health Medical Center, CO.*

### **Transocular Ultrasound of the Optic Nerve Sheath Is an Underutilized Screening Tool for Elevated Intracranial Pressure**

Joshua E. Nash, DO; Matthew L. Moorman, MD, FACS. *Cleveland Clinic, OH.*

### **SP11 | 4:15 - 5:45 pm**

#### **Transplantation; Orthopaedic Surgery**

*Location: 103*

TRACKS: GEN, ORTHO

CO-MODERATOR: William J.J. Ertl, MD, *Oklahoma City, OK*

CO-MODERATOR: Debra L. Sudan, MD, FACS, *Durham, NC*

### **No Difference in Patient Survival Among Simultaneous Liver-Kidney Recipients from Donation after Cardiac Death and Brain-Dead Donors**

Robert M. Cannon, MD; Christopher M. Jones, MD. *University of Louisville, KY.*

### **Outcomes of Adult Dual-Kidney Transplants by KDRI in the United States**

Tarunjeet S. Klair, MD; Austin Gregg; Liise Kayler, MD. *Montefiore Medical Center, Bronx, NY.*

### **Perfusion Decellularization of Human Hearts: Characterizing Native Cardiac Matrix for Clinical Translation**

Jacques P. Guyette, PhD; Jeremy J. Song; Wenpo Chuang, MD; Jonathan Charest; Roger Ng, MD; Glenn R. Gaudette, PhD; Joseph P. Vacanti, MD; Harald C. Ott, MD. *Massachusetts General Hospital, Boston.*

### **Strategies for Successful Left-Lobe Living-Donor Liver Transplantation in Adults**

Toru Ikegami, MD, PhD; Tomoharu Yoshizumi, MD, FACS; Takeo Tushima, MD; Yo-ichi Yamashita, MD; Norifumi Harimoto, MD; Yuji Soejima, MD, FACS; Hideaki Uchiyama, MD, FACS; Ken Shirabe, MD, FACS; Yoshihiko Maehara, MD, FACS. *Kyushu University, Fukuoka, Japan.*



### Whole-Lung Perfusion Decellularization: Up-Scaling to Clinical Application

Sarah E. Gilpin, PhD; Jacques P. Guyette, PhD; Gabriel Gonzalez, PhD; Xi Ren, PhD; Stephanie Wu; Joseph Vacanti, MD; Harald C. Ott, MD. *Massachusetts General Hospital, Boston.*

### Effect of Aging on Burn-Induced Heterotopic Ossification

Jonathan R. Peterson; Sara De La Rosa; Oluwatobi Eboda; Lauren E Pratt; Robert C. Brownley; Steven R. Buchman, MD; Paul S. Cederna, MD; Grace L. Su, MD; Stewart C. Wang, MD, PhD; Benjamin Levi, MD. *University of Michigan Medical School, Ann Arbor.*

### Narcotic Use in the Orthopaedic Trauma Patient Population

Brent J. Morris, MD; Justin Zumsteg, MD; Brian Cash; Kristin Archer, PhD; Hassan Mir, MD. *Vanderbilt University Medical Center, Nashville, TN.*

SP12 | 4:15 - 5:45 pm

### Urology; Obstetrics and Gynecology

Location: 143A

TRACKS: OBG, URO

MODERATOR: Jyoti Upadhyay, MD, FACS, *Norfolk, VA*

### A Multi-Institutional Experience with Extraperitoneal Bladder Injuries

Bradley A. Erickson, MD; Adam D. Berneking; Jeremy B. Myers, MD, FACS; Andrew P. Windsperger, MD; Joshua A. Broghammer, MD, FACS; Lars E. Wallin III, MD; Thomas G. Smith III, MD, FACS. *University of Iowa, Iowa City.*

### Early- and Late-Urinary Microbial Growth following Urinary Diversion

Robert H. Blackwell, MD; Manoj V. Rao, MD; Ted Vellos; Robert C. Flanigan, MD, FACS; Marcus L. Quek, MD, FACS. *Loyola University Medical Center, Maywood, IL.*

### Implantation of Reendothelialized Acellular Kidney Scaffolds for Whole-Organ Engineering

In Kap Ko, PhD; Mehran Abolbashari, MD; Cheil Kim, MD; Giuseppe Orlando, MD; Mahmoudreza Moradi, MD; Tamer Aboushwareb, MD; John D. Jackson, PhD; James J. Yoo, MD, PhD; Anthony Atala, MD. *Wake Forest School of Medicine, Winston-Salem, NC.*

### Laparoscopic Renal Cryoablation: Acute and Mid-Term Renal Functional Outcomes

David Sehrt; Rodrigo D. Silva, MD; Alexandre Pompeo, MD; Michael Brunsert, MPH; Wilson R. Molina, MD; Fernando J. Kim, MD, FACS. *Denver, CO.*

### Use of Autologous Human Renal Cells from Diseased Kidneys for the Treatment of Renal Failure

Sunil K. George, PhD; Mehran Abolbashari, MD; Cheil Kim, MD; John D. Jackson, PhD; Tamer Aboushwareb, MD; James J. Yoo, MD, PhD; Anthony Atala, MD, FACS. *Wake Forest School of Medicine, Winston-Salem, NC.*

### Robotic Radical Hysterectomy: Is This the Ideal Surgery for the Obese Woman with Operable Cervical Cancer?

Amanda L. Jackson, MD; Joshua Kilgore, MD; Emily Ko, MD; Paola Gehrig, MD; John Soper, MD; Wendy Brewster, MD; Victoria B. Jump, MD; Linda Van Le, MD; Daniel L. Clarke-Pearson, MD, FACS; John F. Boggess, MD. *University of North Carolina, Chapel Hill.*

## Wednesday, October 9

SP13 | 8:00 - 9:30 am

### Vascular Surgery

Location: 154

TRACK: VAS

MODERATOR: Audra A. Duncan, MD, FACS, *Rochester, MN*

### Outpatient Management of Isolated Calf Deep Vein Thrombosis

Samantha R. Cox, DO; John Moawad, MD; Lee Anne Marshall, RN; John A. Fink, MD; Drazen Petrinec, MD; Joseph R. McShannic, MD. *Summa Health Systems Hospital, Akron, OH.*

### A Model for Reducing Mortality for Ruptured Abdominal Aortic Aneurysm (rAAA) Presenting to Rural Hospitals

Susanna H. Shin, MD; Paul J. Foley, MD; John J. Ricotta, MD, FACS. *Georgetown University Hospital, Washington, DC.*

### Carotid Endarterectomy Complications Occur Frequently Posthospital Discharge: An ACS NSQIP® Analysis

Rodeen Rahbar, MD, FACS; Richard Neville, MD, FACS; Bao-Ngoc Nguyen, MD; Richard L. Amdur, PhD; Anton Sidawy, MD, MPH, FACS. *George Washington University Medical Center, Washington, DC.*

### Incidence of Postoperative Deep Venous Thrombosis (DVT) Is Higher among Vascular and Cardiac Surgery Patients as Compared to General Surgery Patients

Faisal Aziz, MD; Mayank Patel; Amy B. Reed, MD, FACS. *Penn State University, Hershey.*

### Perioperative Outcomes of Fenestrated Endovascular Aortic Aneurysm Repair Using Modified Devices after Failed Previous Repair

David E. Timaran, MD; Luis F. Gomez, MD; Shadman Baig, MD; J. Gregory Modrall, MD; R. James Valentine, MD; Carlos H. Timaran, MD. *University of Texas Southwestern Medical Center, Dallas.*

### Unplanned Readmissions after Vascular Surgery

Prateek K. Gupta, MD; Sara Fernandes-Taylor, PhD; Bala Ramanan, MD; Travis Engelbert, MD; Jon Matsumura, MD; K. Craig Kent, MD. *University of Wisconsin Hospital and Clinics, Madison.*



SP14 | 8:00 - 9:30 am

**Surgical Oncology II**

Location: 149

TRACK: ONC

CO-MODERATOR: David J. Terris, MD, FACS, *Augusta, GA*CO-MODERATOR: Brian J. Kaplan, MD, FACS, *Richmond, VA***Circulating miR-18a in Plasma of Patients with Gastric Cancer: A Novel and Noninvasive MicroRNA-Based Biomarker for Detection and Monitoring Disease**

Masahiro Tsujiura, MD, PhD; Shuhei Komatsu, MD, PhD; Daisuke Ichikawa, MD, PhD; Atsushi Shiozaki, MD, PhD; Hirotaka Konishi, MD, PhD; Hiroki Takeshita, MD; Ryo Morimura, MD, PhD; Hitoshi Fujiwara, MD, PhD; Kazuma Okamoto, MD, PhD; Eigo Otsuji, MD, PhD. *Kyoto Prefectural University of Medicine, Japan.*

**Guideline Adherence in the Treatment of Merkel Cell Carcinoma**

Bryan S. Goldner, DO; Byrne Lee, MD, FACS; Steven L. Chen, MD, FACS; Bruce E. Stabile, MD, FACS. *Harbor-UCLA Medical Center, Torrance, CA.*

**Increased CXCL10 Expression by Tumor Cells Is Associated with Polymetastatic Phenotype**

Sean C. Wightman, MD; Abhineet Uppal, MD; Sabha Ganai, MD, PhD; Thomas E. Darga, MPH; Sajid A. Khan, MD; Nikolai N. Khodarev, PhD; Mitchell C. Posner, MD; Ralph R. Weichselbaum, MD. *University of Chicago, IL.*

**Inhibition of PDK1 Abrogates Pancreatic Cancer Stem Cell Resistance to Gemcitabine**

John E. Mullinax, MD; Hongwu Xin, PhD; Russell C. Langan, MD; Gordon Wiegand; Andrew Anderson; Satyajit Ray, PhD; Alexander Stojadinovic, MD, FACS; Udo Rudloff, MD, PhD; Itzhak Avital, MD, FACS. *University of South Florida, Tampa.*

**Myeloid-Derived Suppressor Cells (MDSCs) as a Function of Stage In Patients with Lung Cancer**

Jon G. Quatromoni; Sunil Singhal, MD, FACS; Pratik Bbhojnagarwala; Olugbenga T. Okusanya, MD; Brendan Judy; Ollin Venegas; Evgeniy Eruslanov, PhD. *University of Pennsylvania School of Medicine, Philadelphia.*

**The Identification of Potential Immunotherapy Target Antigens Using Nanostring Technology and the Successful Targeting of CSPG4 in Multiple Histologies**

Rachel E. Beard, MD; Daniel Abate-Daga, PhD; Zhili Zheng, MS; Soldano Ferrone, MD, PhD; Richard A. Morgan, PhD; Steven A. Rosenberg, MD, PhD. *National Cancer Institute, NIH, Bethesda, MD.*

SP15 | 9:45 - 11:15 am

**Surgical Humanitarian Outreach I; Quality, Outcomes, and Costs III**

Location: 149

TRACK: EDU, HUM

MODERATOR: Karen E. Deveney, MD, FACS, *Portland, OR***A Proven Model for Sustainable Complex Humanitarian Surgical Aid: A 24-Year Experience in Russia with Congenital Heart Surgery**

Keisuke Nakagawa; Janet M. Simsic, MD; Frank Cetta, MD; Natasha Lusin; Josie Everett; Gary Raff, MD; Diana L. Farmer, MD, FACS, FRCS; Nilas Young, MD. *University of California Davis Medical Center, Davis*

**Analysis of the Wound Cultures of Foreign Burn Patients Shows High Incidence of Multidrug Resistant Bacteria**

Philip H. Chang, MD. *Shriners Hospital for Children, Boston, MA.*

**Benchmarking the Use of a Rapid-Response Team by Surgical Services at a Tertiary Care Hospital**

Daniel A. Barocas, MD, MPH; Chirag S. Kulahalli; David F. Penson MD, MPH, FACS; April N. Kapu, MSN, RN, NP; Chaochen You, MD; Lisa Weavind, MD; Roger Dmochowski, MD. *Vanderbilt University Medical Center, Nashville, TN.*

**Early and Medium-Term Outcomes of Extended Pancreatectomy after Neoadjuvant Chemotherapy for Locally Advanced Pancreatic Adenocarcinoma**

Philippe Bachellier, MD, PhD; Pietro Addeo, MD; Edoardo Rosso, MD; Elie Oussoultzoglou, MD; Cinzia Nobili, MD. *University of Strasbourg, France.*

**Effect of a Surgical Checklist and Culture Improvement Program on Outcomes in Michigan**

Bradley N. Reames, MD; Justin B. Dimick, MD, MPH; Darrell A. Campbell, Jr., MD; Terry Shih, MD. *University of Michigan, Ann Arbor.*

**Etiology and Epidemiology of Major Lower-Extremity Amputation in Northern Tanzania**

Alexander T. Hawkins, MD, MPH; Anthony Palangyo, MD; Ayesiga Herman, MD; Elifuraha Maya, MD; Kondo Chilonga, MD; Louis L. Nguyen, MD, MPH. *Brigham and Women's Hospital, Boston, MA.*

**Serious Mental Illness (SMI) Significantly Impacts Outcomes in Acute Surgical Procedures: An Analysis of More Than One Million Acute Surgical Hospitalizations**

Kristopher B. Williams, MD; Joel F. Bradley III, MD; Blair A. Wormer, MD; Amanda L. Walters; John M. Green, MD, FACS; Vedra A. Augenstein, MD; Ronald F. Sing, DO, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC.*

**Surgical Capacity of Hospitals in Malawi: Key Insights**

Jaymie A. Henry, MD, MPH, ICES; Cyril Goddia; Erica Frenkel; Eric Borgstein, MD; Nyengo Mkan-dawire, MD. *Queen Elizabeth Central Hospital, Blantyre, Malawi.*

SP16 | 12:45 - 2:15 pm

**Plastic and Maxillofacial Surgery**

Location: 143BC

TRACK: PLA

MODERATOR: Timothy W. King, MD, FACS, *Madison, WI*

### Improving Outcomes in Abdominal Wall Reconstruction: Primary Fascial Closure with Mesh Reinforcement Is Superior to Bridged Mesh Repair

Justin H. Booth, MD; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Jesse C. Selber, MD, MPH; Alexander T. Nguyen, MD; Mark W. Clemens, MD; Jun Liu, MD, PhD; Charles E. Butler, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston.*

### Mesenchymal Stem Cell Therapy for Nerve Regeneration and Immunomodulation after Reconstructive Transplantation

John Pang; Gabriel Brat, MD; Zuhaib Ibrahim, MD; Eric Wimmers, MD; Georg Furtmueller, MD; Leahao Wu, MD; Joani Christensen; Mohammed Alrakan, MD; Gerald Brandacher, MD; W.P. Andrew Lee, MD, FACS. *Johns Hopkins University School of Medicine, Baltimore, MD.*

### Novel Oxysterol Induces Osteogenic Differentiation in Rabbit Bone Marrow Stem Cells and Heals Critical-Size Rabbit Calvarial Defects

Andrew Li, MD; Akishige Hokugo, DDS, DNB, PhD; Farhad Parhami, PhD; Reza Jarrahy, MD. *University of California, Los Angeles.*

### Obesity Impairs Lymphatic Fluid Flow and Regulates Lymph Node Cellular Composition

Daniel A. Cuzzzone, MD; Evan Weitman, MD; Swapna Ghanta, MD; Seth Z. Aschen; Nicholas J. Albano; Gina T. Farias-Eisner; Babak Mehrara, MD. *Memo-rial Sloan Kettering Cancer Center, New York, NY.*

### Outcomes of Tissue Transfer following Extremity Vascular Procedures during Ten Years of War Trauma

Jennifer Sabino, MD; Kevin Casey, MD; Ian Valerio, MD; Barry D. Martin, MD, FACS. *Walter Reed National Military Medical Center, Bethesda, MD.*

SP17 | 2:30 - 4:00 pm

### Pediatric Surgery; Perioperative, Critical Care Surgery

Location: 201

TRACK: GEN, PED

CO-MODERATOR: Rachael A. Callcut, MD, MSPH, *San Francisco, CA*

CO-MODERATOR: Leonard J. Weireter, MD, FACS, *Norfolk, VA*

### An Analysis of Mucosa-Associated Microbial Diversity in the Early Recognition of Necrotizing Enterocolitis

Rachel Brower-Sinning, PhD; Diana Zhong; Misty Good, MD; Brian Firek; Robyn Baker, NP; Chhinder Sodhi, PhD; David J. Hackam, MD, PhD, FACS; Michael Morowitz, MD, FACS. *University of Pittsburgh, PA.*

### Arteriographic Predictability of All-Cause Mortality in POSCH

Henry Buchwald, MD, PhD, FACS; Avis J. Thomas; Stanley E. Williams, PhD; John E. Connert, PhD. *University of Minneapolis, MN.*

### Effectiveness of 0.05 Percent Chlorhexidine Gluconate (CHG) against Selective Multidrug Resistant (MDR)

### Surgical Pathogens: An In-Vitro and In-Vivo Analysis

Charles E. Edmiston, Jr., PhD, FIDSA, FSHEA; Linda K. Hansen, PhD; Candace J. Krepel; Maureen

Spencer, RN, MSN; Brian D. Lewis, MD, FACS; Peter J. Rossi, MD, FACS; Kellie R. Brown, MD, FACS; Cheong J. Lee, MD, FACS; Gary R. Seabrook, MD, FACS. *Medical College of Wisconsin, Milwaukee.*

### Feasibility of Early Postoperative Endoscopy for the Graft and Anastomosis Evaluation after Esophagectomy

Katsunori Nishikawa, MD; Noburo Omura, MD; Masami Yuda, MD; Yujiro Tanaka, MD; Akira Matsumoto, MD; Yuichiro Tanishima, MD; Fumiaki Yano, MD; Yoshiro Ishibashi, MD; Katsuhiko Yanaga. *Jikei University, Tokyo, Japan.*

### Growing Human Neo-Small Intestine: A Novel Approach Using Decellularized Porcine Intestine and Human Intestinal Organoids

Jennifer J. Freeman, MD; Stacy R. Finkbeiner, PhD; Ashley M. Cornett; Jason R. Spence, PhD; Eric S. White, MD; Daniel H. Teitelbaum, MD, FACS. *University of Michigan, Ann Arbor.*

### Human Intestinal Organoids Engraft to Form Intact Human Intestinal Tissue That Adapts following Surgical Resection

Carey L. Watson, MD; Maxime M. Mahe, PhD; Nambirajan Sundaram, PhD; Jefferson E. Vallance; Noah F. Shroyer, PhD; James M. Wells, PhD; Michael A. Helmrath, MD. *Cincinnati Children's Hospital Medical Center, OH.*

### Mesenchymal Stem Cell (MSC) Treatment Corrects the Impaired Biomechanical Properties of Diabetic Skin by Promoting Collagen Protein Production through Modulation of MicroRNA

Carlos Zgheib, PhD; Junwang Xu, PhD; Robert C. Caskey, MD; Junyi Hu, MD; Liping Zhang; Rasheeda Crowell, MD; Michael W. Morris, Jr., MD; David P. Beason; Louis J. Soslowsky, PhD; Kenneth W. Liechty, MD, FACS. *Nemours Children Hospital, Orlando, FL.*

### The Diabetes Paradox: Perioperative Hyperglycemia and Adverse Events in Patients without Diabetes

Meera Kotagal, MD; Rebecca G. Symons, MPH; Irl B. Hirsch, MD; Guillermo E. Umpierrez, MD, FACP; E. Patchen Dellinger, MD, FACS; Ellen T. Farrokhi, MD, FACS; David R. Flum, MD, MPH, FACS. *University of Washington, Seattle.*

SP18 | 2:30 - 4:00 pm

### Cardiothoracic Surgery I; Colon and Rectal Surgery II

Location: 208

TRACKS: CRS, CTS

MODERATOR: Jennifer S. Lawton, MD, FACS, *St. Louis, MO*

### 30-Day Outcomes of Paraesophageal Hernia Repair Using ACS NSQIP® Database: Should Laparoscopy Be the Standard of Care?

Benedetto Mungo, MD; Daniela Molena, MD; Anne O. Lidor, MD, MPH; Miloslawa Stem; Hassan N. A. Mashbari, MB, BS. *Johns Hopkins Medical Institutions, Baltimore, MD.*

### **A Panel of Genetics Markers Offers an Effective Method of Differentiating Crohn's Disease (CD) from Ulcerative Colitis (UC) Patients Undergoing Surgical Treatment**

Tara M. Connelly, MB, BCh; Arthur S. Berg, PhD; Robert Aronoff, MD; Leonard Harris; John P. Hegarty, PhD; Sue Deiling; Walter A. Koltun, MD, FACS. *Penn State College of Medicine, Hershey.*

### **Hedgehog Signaling Activation Impacts Lymph Node Status and Survival in Esophageal Adenocarcinoma**

Ikenna C. Okereke, MD; Ashish Pulikal; Patrick Kohtz; Jingwu Xie, MD. *Alpert Medical School of Brown University, Providence, RI.*

### **Objective Assessment of Cardiac Surgery Technical Skills Using Laboratory Simulation**

Dimitrios N. Tsigiotis, MD, PhD; Daniel J. Lodge, MD, FRCSC; Teodor P. Grantcharov, MD, PhD, FACS. *University of Toronto, ON.*

### **Post-Discharge Venothromboembolism: International Awareness, Beliefs, and Practice amongst Colorectal Surgeons**

James C. Iannuzzi, MD; Ann-Marie Howell, MB, BS; Elaine M. Burns, PhD; Aaron S. Rickles, MD; Fergal J. Fleming, MB, BCh, FRCS; Ara W. Darzi, MB, BCh, FACS(Hon); John RT Monson, MB, BCh, MD. *University of Rochester Medical Center, NY.*

### **Superficial Surgical Site Infection (SSSI) after Colorectal Surgery: Targeting High-Risk Patients Increases the Efficacy of Prevention Bundles**

Joseph A. Trunzo, MD; Jon D. Vogel, MD, FACS; Dilara Khoshknabi; Ravi P. Kiran, MB, BS, FACS. *Cleveland Clinic, OH.*

### **SP19 | 4:15 - 5:45 pm Liver/Biliary Tract/Pancreas II Location: 150**

TRACK: GEN

MODERATOR: Michael I. D'Angelica, MD, FACS, *New York, NY*

### **Comparison of Clinicopathological Features between Chronic Cholecystitis Patients with and without Helicobacter Pylori Infection in Gallbladder Mucosa: A Report From China**

Di Zhou, MD; Jian-Dong Wang, MD; Zhi-Wei Quan, MD, FACS; Wei Gong, MD, PhD; Wen-Bin Guan, MD; Peng-Yuan Zhuang. *Xinhua Hospital, Shanghai Jiao-Tong University, China.*

### **Total Pancreatectomy with Islet Cell Autotransplantation as the Initial Treatment for Small-Duct Chronic Pancreatitis**

Gregory C. Wilson, MD; Jeffrey M. Sutton, MD; Marzieh Salehi, MD; Nathan Schmulewitz, MD; Milton T. Smith; Stephen Kucera, MD; Kyuran Choe, MD; Daniel E. Abbott, MD; Jeffrey J. Sussman, MD, FACS; Syed A. Ahmad, MD, FACS. *University of Cincinnati, OH.*

### **Vascular Resection during Pancreatectomy Increases Morbidity Independent of Center Volume**

Susan C. Pitt, MD; Taylor S. Riall, MD, PhD, FACS; Kristin M. Sheffield, PhD; E. Molly Kilbane, RN; Bruce L. Hall, MD, PhD, FACS; Henry A. Pitt, MD,

FACS. *Washington University School of Medicine, St. Louis, MO.*

## **Thursday, October 10**

SP20 | 8:00 - 9:30 am

### **General Surgery II**

Location: 147

TRACK: GEN

MODERATOR: David C. Bergstrom, MD, FACS, *Cooperstown, NY*

### **Ergonomic Analysis of Primary and Assistant Surgical Roles**

Ahmed M. Zihni, MD, MPH; Ikechukwu Ohu; Jaime A. Cavallo, MD, MPH; Sohyung Cho, PhD; Michael M. Awad, MD, PhD, FACS. *Washington University School of Medicine, St. Louis, MO.*

### **Evaluation of Surgical Reexcision Rates with Bioptic BioVision Imaging**

Sarah De Los Santos; Anita Sambamurty; Anita P. McSwain, MD, MPH, FACS; Christine B. Teal, MD, FACS. *George Washington University, Washington, DC.*

### **Ferromagnetic Heating for Vessel Sealing/Cutting: Utility and Comparative Study to Ultrasonic and Bipolar Technology**

Robert E. Glasgow, MD, FACS; Preston Manwaring, PhD; Robert Scott; Kim Manwaring, MD. *University of Utah, Salt Lake City.*

### **Parenteral Nutrition-Mediated Intestinal Mucosal Inflammation Is Associated with Activation of the Inflammasome Pathway Using a Mouse Model**

Bhani K. Chawla, MD; Pele J. Browner; Daniel H. Teitelbaum, MD, FACS. *University of Michigan, Ypsilanti.*

### **Severity Assessment of Acute Cholecystitis Base on 2007 Tokyo Guidelines Predictive of Clinical Outcomes: A Retrospective Study**

Tiffany Irish E. Rentillo, MD; Pierre Pepito R. Hao, MD; Samuel D. Ang, MD; Ray B. Malilay, MD; Catherine S.C. Teh, MD; Billy James G. Uy, MD. *Chinese General Hospital, Manila, Philippines.*

# The Committee for the Forum on Fundamental Surgical Problems

The Committee for the Forum on Fundamental Surgical Problems is proud to sponsor three Panel Sessions and facilitate a Town Hall Meeting (see the listing below), as well as provide a venue for scientific and surgical investigators in-training to present their research for the first time to a national audience in the sessions of abstract presentations listed in the subsequent pages.

## Monday, October 7

PS119 | 2:30 - 4:00 pm

**Translational Medicine: A Vital Role for Surgeons?**  
(cosponsored with Surgical Research Committee)

## Wednesday, October 9

PS308 | 9:45 - 11:15 am

**Metabolic Surgery: The Science, the Patient, and the Future**

## Thursday, October 10

TH08 | 7:00 - 7:45 am

**Choosing a Surgical Discipline**

PS404 | 8:00 - 9:30 am

**How to Bring Biologic Therapies and Devices to Clinical Use**

(cosponsored with the Committee on Emerging Surgical Technology and Education)

## Surgical Forum (SF)

**Owen H. Wangenstein Surgical Forum on Fundamental Surgical Problems**

## Abstract Presentations

The Committee for the Forum on Fundamental Surgical Problems has selected more than 300 abstracts to be presented in 36 Surgical Forum sessions, Monday through Thursday. The accepted abstracts for most of the titles given in this program have been published in a supplemental issue of the *Journal of The American College of Surgeons*, which was distributed to the entire membership in September, and will be made available for free of charge during the Clinical Congress.

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\*Denotes 2013 Excellence in Research Award Recipient presenting in the session.

## Monday, October 7

SF01 | 9:45 - 11:15 am

**Apoptosis/Cellular Injury**

*Location: 149*

TRACK: GEN

MODERATOR: James J. Mezhir, MD, FACS; *Iowa City, IA*

**Apyrase and CD39 Signaling Protect Against Sepsis-Induced Mortality**

Zoltan H. Nemeth, MD, PhD; Balazs Csoka, PhD; Balazs Koscsó, PhD; Endre Kokai, PhD; Louis T. DiFazio, MD, FACS; Rolando H. Rolandelli, MD, FACS; Gyorgy Hasko, MD, PhD. *From the Morristown Medical Center, Morristown, NJ*

DISCUSSANT: Ryan C. Fields, MD, *St. Louis, MO*

### Overexpression of Glutaredoxin-1 Stimulates Revascularization and Improves Blood perfusion in a Murine Hind-Limb Ischemia Model

Salim Abunnaja, MD; Vaithinathan Selvara, PhD; Mahesh Thirunavukka, PhD; David W. McFadden, MD, FACS; J. Alexander Palesty, MD, FACS; Nilanjana Maulik, PhD. *From the University of Connecticut-Saint Mary's Hospital, Waterbury*  
DISCUSSANT: Ryan C. Fields, MD, *St. Louis, MO*

### Cross-Talk Between Notch1 and p63 in Human Keratinocyte Proliferation

Madhuchhanda Roy, MD, PhD; Taylor J. Jaraczewski; Priya R. Pathak; Timothy W. King, MD, PhD, FACS. *From the University of Wisconsin, Madison, WI*  
DISCUSSANT: Ajay V. Maker, MD, *Chicago, IL*

### MM284 Treatment Ameliorates Experimental Biliary Atresia via Inhibition of SMAD2 Phosphorylation and Downregulation of Timp-4 and MMP-7 mRNA Expression

Tatiana Iordanskaia, PhD; Emily Koeck, MD; Evan P. Nadler, MD, FACS. *From the Children's National Medical Center, Washington, DC*  
DISCUSSANT: Flavio G. Rocha, MD, *Seattle, WA*

### MK-886 Attenuates Kidney Injury Induced after Trauma / Shock by Preventing FLAP and 5-LO Interactions in Kidney Tubules

John R. Stringham, MD; Ernest E. Moore, MD, FACS; Fabia Gamboni, PhD; Miguel Fragoso, DVM; Theresa L. Chin, MD; Jeffrey N. Harr, MD, MPH; Christopher C. Silliman, MD, PhD; Anirban Banerjee, PhD. *From the University of Colorado-Denver*  
DISCUSSANT: Ajay V. Maker, MD, *Chicago, IL*

### SF02 | 9:45 - 11:15 am

#### Neurosurgery

Location: 209B

TRACK: NEU

MODERATOR: William C. Welch, MD, FACS; *Philadelphia, PA*

### Endoscopic Endonasal Surgery for Skull Base Chordomas: Experience with 84 Patients

Maria Koutourousiou, MD; Paul A. Gardner, MD; Juan C. Fernandez-Miranda, MD; Stephanie L. Henry, RN, MSN; Eric W. Wang, MD; Carl H. Snyderman, MD, FACS. *From the University of Pittsburgh Medical Center, PA*  
DISCUSSANT: Moderator

### Clinical and Radiological Outcome of a Low-Cost Surgical Technique of Decompressive Craniectomy for Low-Resource Practice

Amos O. Adeleye, MB, BS. *From the College of Medicine, University of Ibadan, University College Hospital, Ibadan, Nigeria*  
DISCUSSANT: Moderator

### The Pipeline Embolization Device: Learning Curve and Predictors of Complications and Intracranial Aneurysm Obliteration

Pascal Jabbour, MD; Stavropoula Tjoumakaris, MD; Robert Rosenwasser, MD, FACS, FAHA. *From Thomas Jefferson University, Philadelphia, PA*  
DISCUSSANT: Moderator

### Anemia and Associated Hospital Mortality after Severe Traumatic Brain Injury

Michael DeCuypere, MD, PhD; Gabriel Phillips, MD; Michael S. Muhlbauer, MD. *From the University of Tennessee Health Science Center, Memphis*  
DISCUSSANT: Moderator

### Predictors and Outcomes of Tracheostomy After Traumatic Brain Injury

John W. McKenna; Laura D. Wilson; Yanna Song; Mario A. Davidson, PhD; Stephen S. Humble; Jesse M. Ehrenfeld, MD, MPH; Oscar D. Guillaumondegui, MD, MPH, FACS; Pratik P. Pandharipande, MD; Mayur B. Patel, MD, MPH, FACS. *From the Vanderbilt University Medical Center, Nashville, TN*  
DISCUSSANT: Moderator

### Penetrating Spinal Cord Injury: A "Lost" Injury

Josephine Kweku, MD, MPH; Deborah Stein, MD, MPH; Jay Menaker, MD; Bizhan Aarabi, MD, FACS; Thomas M. Scalea, MD, FACS. *From the University of Texas - Southwestern, Dallas*  
DISCUSSANT: Moderator

### SF03 | 9:45 - 11:15 am

#### Obstetrics and Gynecology

Location: 209C

TRACK: OBG

MODERATOR: Peter A. Argenta, MD, FACS, *Minneapolis, MN*

2013 Excellence in Research Award Recipient:

Colleen Rivard, MD, *Minneapolis, MN*

### The Effect of Anesthesia Choice on Postoperative Outcomes in Women Undergoing Exploratory Laparotomy for Gynecologic Malignancy

Colleen Rivard, MD; Elizabeth L. Dickson, MD; Rachel Isaksson-Vogel; Deanna Teoh, MD. *From the University of Minnesota, Minneapolis*  
DISCUSSANT: Jason D. Wright, MD, *New York, NY*

### Comparative Effectiveness of Techniques for Global Endometrial Ablation Procedures and the Risk of Subsequent Reoperation

Megan Wasson, DO; Matthew Hoffman, MD, MPH; Gretchen Makai, MD; Moses Hochman, MD. *From the Christiana Care Health Systems, Newark, DE*  
DISCUSSANT: Amir A. Jazaeri, MD, FACS, *Charlottesville, VA*

### Vaginal Cuff Thermal Injury and Healing Based on Mode of Colpotomy Incision at Total Laparoscopic Hysterectomy: A Randomized Clinical Trial

Deanna Teoh, MD; William J. Lowery, MD; Paige J. Walter, MD; Angeles A. Secord, MD; Fidel A. Valea, MD, FACS; Andrew Berchuck, MD; Laura J. Havrilesky, MD; Paula S. Lee, MD, FACS. *From the University of Minnesota, Minneapolis*  
DISCUSSANT: Arnold P. Advincula, MD, FACS, FACOG, *Celebration, FL*

### Radical Surgical Cytoreduction in the Treatment of Ovarian Carcinosarcoma

David W. Doo; Britt K. Erickson, MD; Rebecca C. Arend, MD; Michael G. Conner, MD; Warner K. Huh, MD, FACS; Charles A. Leath III, MD, FACS. *From the University of Alabama-Birmingham*  
DISCUSSANT: Sean C. Dowdy, MD, FACS, *Rochester, MN*

### **Tunneling Nanotubes and Intercellular Communication: A Novel Approach to Chemo-Resistance in Ovarian Cancer**

Elizabeth L. Dickson, MD; Venugopal Thayanithy, PhD; Rachel Isaksson Vogel; Peter A. Argenta, MD, FACS; Melissa Geller, MD; Subbaya Subramanian, PhD; Emil Lou, MD, PhD. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Mitchell I. Edelson, MD, FACS, *Abington, PA*

### **FBxW7 as A Predictor of Outcomes in Ovarian Cancer**

Elizabeth L. Dickson, MD; Rachel Vogel; Samuel Leung; Christine Chow; David Huntsman, MD; Blake Gilks, MD; Subbaya Subramanian, PhD. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Maureen A. Killackey, MD, FACS, *New York, NY*

SF04 | 9:45 am - 1:00 pm

### **Alimentary Tract I**

Location: 102

TRACK: GEN

MODERATOR: Charles F. Bellows, MD, FACS, *New Orleans, LA*

2013 Excellence in Research Award Recipient:

Elizabeth M. Pontarelli, MD, *Los Angeles, CA*

### **Intestine-Specific Overexpression of Cox-2 Induces Gut Barrier Failure**

Elizabeth M. Pontarelli, MD; Scott S. Short, MD; Jin Wang; Anatoly Grishin, PhD; Henri R. Ford, MD, MHA, FACS. *From the Children's Hospital Los Angeles, CA*

DISCUSSANT: Ashwani Rajput, MD, FACS, *Albuquerque, NM*

### **Secondary Bile Acids as a Mechanism of Intestinal Injury**

Stephanie C. Papillon, MD; Mark R. Frey, PhD; Henri R. Ford, MD, MHA, FACS; Christopher P. Gayer, MD, PhD. *From the Children's Hospital Los Angeles, CA*

DISCUSSANT: Krista L. Turner, MD, FACS, *Houston, TX*

### **Neuronal Arterin/GFR-alpha3 Axis Modulates Recovery from Postoperative Ileus**

Bettina M. Buchholz, MD; Kathryn M. Albers, PhD; Brian M. Davis, PhD; Christopher Sullivan; Anthony J. Bauer, PhD. *From the University of Bonn, Germany*

DISCUSSANT: Moderator(s)

### **Duodenal Switch Associated with Higher Frequency of Postoperative Nutritional Deficiency in the Super-Obese (BMI > 50 kg/ m2 ) Compared with Gastric Bypass**

Marc A. Ward, MD; Vivek N. Prachand, MD, FACS; John C. Alverdy, MD, FACS; Yong Huang, MD. *From the University of Chicago Medical Center, Chicago, IL*

DISCUSSANT: John T. Paige, MD, FACS, *New Orleans, LA*

### **Intestinal Alkaline Phosphatase Is an Endogenous Regulator of Host Microbiota**

Omeed Moaven, MD; Konstantinos P. Economopoulos, MD; Sayeda N. Alam, MD; Nur Muhammad, MD; Kanakaraju Kaliannan, MD; Madhury Ray, MD; Mussa M. Rafat Mohamed, MD; Angela K. Moss, MD;

Madhu S. Malo, MD; Richard A. Hodin, MD, FACS.

*From Massachusetts General Hospital, Boston*

DISCUSSANT: Moderator(s)

### **Gastrointestinal Regeneration Using Collagen Scaffolds Loaded with Human Collagen-Binding bFGF in a Porcine Model**

Bo Zhou, MD; Jianan Ren, MD, PhD, FACS; Jianwu Dai; Gefei Wang, MD, PhD; Guosheng Gu, MD, PhD; Gang Han, MD. *From the Medical School of Nanjing University, China*

DISCUSSANT: Phillip P. Shadduck, MD, FACS, *Durham, NC*

### **Comparison of Complications following Laparoscopic vs. Open Gastrectomy**

Rachel Van Dusen, MD; Michal Radomski, MD; Khashayar Vaziri, MD, FACS; Richard L. Amdur, PhD; Stephanie Knapp; Babak Sarani, MD, FACS, FCCM.

*From George Washington University, Washington, DC*

DISCUSSANT: Dana D. Portenier, MD, FACS, *Durham, NC*

### **Gastric Bypass (RYGB) Increases Intestinal Expression of Free Fatty Acid Receptor 2 and 3 (FFAR2/FFAR3) and G Protein Receptor 119 (GPR119) in the Obese Zucker Rat (ZR)**

Adam Q. Sugihara, MD; Qinghe Meng, MD; Tamer Ahmed, MD; Robert N. Cooney, MD, FACS. *From State University of New York Upstate, Syracuse, NY*

DISCUSSANT: William Henry H. Chapman, MD, FACS, *Greenville, NC*

### **Comparative Effectiveness of Bariatric Surgery for Cardiac Risk Factor Improvement**

John M. Morton, MD, MPH; Chris Crowe; Natalia Leva; Homero Rivas MD, FACS. *From Stanford University, Stanford, CA*

DISCUSSANT: Edward D. Auyang, MD, *Albuquerque, NM*

### **Rules Based Medicine Evaluates Changes in Inflammation after Bariatric Surgery**

John M. Morton, MD, MPH; Natalia Leva; Nayna Lodhia. *From Stanford University, Stanford, CA*

DISCUSSANT: Moderator(s)

### **Roux-en-Y Gastric Bypass Is Correlated with Decrease in Adipose Senescence and Inflammation**

Yong Y. Kim, MD, PhD; Nathan Liu, MD; Daniel B. Leslie, MD, FACS; Sayeed Ikramuddin, MD, FACS.

*From the University of Minnesota, Minneapolis*

DISCUSSANT: Dimitrios Stefanidis, MD, PhD, FACS, FASMBS, *Charlotte, NC*

SF05 | 9:45 am - 1:00 pm

### **Quality, Outcomes, and Costs I**

Location: 143BC

TRACKS: EDU, HP

MODERATOR: Larissa K. F. Temple, MD, FACS, *New York, NY*

2013 Excellence in Research Award Recipient:

Nicole M. Tapia, MD, *Houston, TX*

### **The Impact of Promotional Language on Patient Preference for Innovative Procedures**

Peter R. Dixon; Robert C. Grant; David R. Urbach, MD, FRCS, FACS. *From Toronto General Hospital, ON*

DISCUSSANT: Martin R. Weiser, MD, FACS, *New York, NY*

### **PACT Project: Standardized Resident Handoff Implementation Improves Handoff Quality**

Nicole M. Tapia, MD; Sara C. Fallon, MD; Mary L. Brandt, MD, FACS; Jesus A. Correa; Bradford G. Scott, MD, FACS; James W. Suliburk, MD, FACS.  
*From Baylor College of Medicine, Houston, TX*  
DISCUSSANT: Lillian S. Kao, MD, FACS, *Houston, TX*

### **Human Factors Methods Improve Efficiency in Emergency Trauma Care**

Alexandra Gangi, MD; Ken Catchpole, PhD; Renaldo Blocker, PhD; Jennifer Blaha; Daniel Shouhed, MD; Bruce L. Gewertz, MD, FACS; Eric J. Ley, MD, FACS.  
*From Cedars-Sinai Medical Center, Los Angeles, CA*  
DISCUSSANT: Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

### **Checklist Implementation Reduces Advanced Trauma Life Support® (ATLS®) Work-Flow Deviations during Trauma Resuscitations without Pre-Arrival Notification**

Deirdre C. Kelleher, MD, RP; Jagadeesh C. Bose, PhD; Lauren J. Waterhouse; Elizabeth A. Carter, PhD, MPH; Randall S. Burd, MD, PhD, FACS.  
*From the Children's National Medical Center, Washington, DC*  
DISCUSSANT: Adil H. Haider, MB, BS, MPH, FACS, *Baltimore, MD*

### **Massachusetts Health Care Reform Is Associated with Reduced Disparities in the Management of Acute Cholecystitis**

Andrew P. Loehrer, MD; Hugh G. Auchincloss, MD; Zirui Song, PhD; Matthew M. Hutter, MD, MPH, FACS.  
*From Massachusetts General Hospital, Boston*  
DISCUSSANT: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Baltimore, MD*

### **Explaining Racial Disparities in Survival after Trauma: The Role of the Treating Facility**

Caitlin W. Hicks, MD; Zain G. Hashmi, MB, BS; Xuan Hui, MD; Catherine G. Velopoulos, MD; David T. Efron, MD, FACS; Eric B. Schneider, PhD; Lisa Cooper, MD, MPH; Edward E. Cornwell III, MD, FACS; Adil H. Haider, MD, MPH, FACS.  
*From the Johns Hopkins Hospital, Baltimore, MD*  
DISCUSSANT: Arden M. Morris, MD, FACS, *Ann Arbor, MI*

### **Improvements in Patient Safety Culture in a Pediatric Perioperative Environment Requires a Multi-Faceted Approach**

Shauna M. Levy, MD; Ranu Jain, MB, BS; Maria Matuszczak, MD; Lillian S. Kao, MD, FACS; Jason M. Etchegaray, PhD; Eric J. Thomas, MD, MPH; Kevin P. Lally, MD, FACS; KuoJen Tsao, MD, FACS.  
*From the University of Texas Medical School, Houston*  
DISCUSSANT: Julia E. Grabowski, MD, *San Diego, CA*

### **Surgical Ward Round Quality and Impact on Variable Patient Outcomes**

Philip Pucher, MD, MRCS; Rajesh Aggarwal, MB, BS, PhD, FRCS; Ara W. Darzi, MB BCh, FACS(Hon), FRCS.  
*From the Imperial College London, United Kingdom*  
DISCUSSANT: Nancy N. Baxter, MD, FACS, *Toronto, ON*

### **Pre-Hospital Care of Urban Gunshot Wound (GSW)**

#### **Patients: A Tale of Two Cities**

Nikhilesh Ray-Mazumder; Brandyn D. Lau, MPH; Adil H. Haider, MD, MPH, FACS; Thomas M. Scalea, MD, FACS; Patrick Kim, MD; Niels D. Martin, MD; Thomas A. Santora, MD; R. Sean Benoit, MD, FACS; David T. Efron, MD, FACS; Elliott R. Haut, MD, FACS.  
*From Johns Hopkins University, Baltimore, MD*  
DISCUSSANT: Kevin M. Schuster, MD, FACS, *New Haven, CT*

### **Resident Involvement and Outcomes in Bariatric Surgery: A Population-based Study**

Robert W. Krell, MD; Nancy J.O. Birkmeyer, PhD; Bradley N. Reames, MD; Jonathan F. Finks, MD, FACS; John D. Birkmeyer, MD, FACS; Arthur M. Carlin, MD, FACS.  
*From the University of Michigan, Ann Arbor*  
DISCUSSANT: David R. Urbach, MD, FACS, *Toronto, ON*

### **"ECOMP": A Resident-Maintained Database of Postoperative Complications - An Educational and Affordable Tool for Quality Improvement**

Samuel Sultan, MD; Elinore Kaufman, MD; Govind Nandakumar, MD, FACS; Alfons Pomp, MD, FACS, FRCS; Fabrizio Michelassi, MD, FACS.  
*From Weill Cornell Medical College, New York, NY*  
DISCUSSANT: Jason Park, MD, *Winnipeg, MB*

SF06 | 9:45 am - 1:00 pm

#### **Targeted Therapies**

Location: 143A

TRACK: BTR

MODERATOR: Dev M. Desai, MD, FACS, *Dallas, TX*  
CO-MODERATOR: Ajay Jain, MD, FACS, *Baltimore, MD*

2013 Excellence in Research Award Recipient:  
Juan Rodolfo Mella, MD, MPH, *Boston, MA*

### **Immune Tolerance Induction with Neonatal Gene Therapy**

Denise S. Tai, MD; Chuhong Hu, MD; Gerald S. Lipshutz, MD, FACS.  
*From the University of California-Los Angeles*  
DISCUSSANT: Rakesh Sindhi, MB, BS, FACS, *Pittsburgh, PA*

### **Dual Targeting of mTOR and ErbB Pathways in Pancreatic Ductal Adenocarcinoma(PDAC)**

Brett L. Broussard, MD; Juan P. Arnoletti, MD, FACS; Alevtina Mikhaylina; Martin J. Heslin, MD, FACS; Andrey Frolov, MD, PhD.  
*From the University of Alabama-Birmingham*  
DISCUSSANT: H. Richard Alexander, Jr., MD, FACS, *Baltimore, MD*

### **Tranexamic Acid Accelerates the Enzymatic Phase of Coagulation in Trauma Patients**

Christopher R. Ramos, MD; Ernest E. Moore, MD, FACS; Christopher C. Silliman, MD, PhD; Theresa L. Chin, MD; John R. Stringham, MD; Anirban Banerjee, PhD.  
*From the University of Colorado, Denver*  
DISCUSSANT: Jeffrey H. Lawson, MD, FACS, *Durham, NC*

### **Novel Combinatorial Therapy for Pancreatic Adenocarcinoma**

Francesco Sabbatino, MD; Yangyang Wang, MD; Ravin Poudel, Matteo Ligorio, MD; Elvira Favoino,



PhD; Xinhui Wang, MD, PhD; Jennifer Wargo, MD; Soldano Ferrone, MD, PhD; Keith D. Lillemoe, MD, FACS; Cristina R. Ferrone, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Nader N. Hanna, MD, FACS, *Baltimore, MD*

#### **Binding of an Intravascular Delivery Vehicle for Prevention of Arterial Restenosis is Contingent on Tertiary Structure**

Hussein A. Kassam, MD, BSc(Hons); Tyson J. Moyer; Job Boekhoven, PhD; Teng L. Chew, PhD; Sam I. Stupp, PhD; Melina R. Kibbe, MD, BSc(Hons), FACS. *From Northwestern University, Chicago, IL*

DISCUSSANT: Kathleen G. Raman, MD, FACS, *St. Louis, MO*

#### **The PI3K Inhibitor BKM120 Inhibits Growth Of Pancreatic Ductal Adenocarcinoma (PDAC) In Vitro and In Vivo**

Christopher J. Tignanelli, MD; Silvia G. Herrera; Robert Torphy; JenJen Yeh, MD, FACS. *From the University of North Carolina, Chapel Hill*

DISCUSSANT: Yosef Jose Greenspon, MD, *St. Louis, MO*

#### **Timing Is Everything: Antagonizing the Effects of Substance P Improves Survival in Murine Polymicrobial Sepsis**

Juan R. Mella, MD, MPH; Elizabeth Duffy; Arthur F. Stucchi, PhD; Daniel Remick, MD. *From Boston University Medical Center, MA*

DISCUSSANT: Krishnan Raghevedran, MB, BS, FACS, *Ann Arbor, MI*

#### **Enhancer of Zeste Homolog 2 (EZH2) Silencing Down-Modulates Mutant p53 with Increased Chemosensitivity in Epithelial Ovarian Cancer (EOC)**

Ramesh B. Batchu, PhD; Oksana Gruzdyn; Aamer M. Qazi, PhD; Shelly Seward, MD; Donald W. Weaver, MD, FACS; Scott A. Gruber, MD, PhD, FACS. *From John D. Dingell VA Medical Center, Detroit, MI*

DISCUSSANT: Nita Ahuja, MD, FACS, *Baltimore, MD*

#### **Erlotinib Sensitizes Hepatocellular Cancer Cells to TRAIL-Induced Cell Death**

Rohit Chugh, MD; Osama Alsaied, MD; Sulagna Banerjee, PhD; Veena Sangwan, PhD; Alice Nomura; Rajinder Dawra, PhD; Selwyn M. Vickers, MD, FACS; Ashok K. Saluja, PhD; Vikas Dudeja, MD. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Moderator(s)

#### **Oncolytic Herpes Simplex Virus Shows Synergistic Effects with Rapamycin Against Triple-negative Breast Cancer**

Sepideh Gholami, MD; Chun-hao Chen, MD; Emil Lou, MD, PhD; Drew Marano; Laurence J. Belin, MD, MPH; Jacqueline Bromberg, MD, PhD; Ting-Chao Chou, PhD; Yuman Fong, MD, FACS. *From Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: Moderator(s)

#### **A Nanostructured Lidocaine Delivery System Decreases Postsurgical Pain in Lewis Rats**

Jeffrey L. Van Eps, MD; Joseph S. Fernandez-Moure, MD; Zachary K. Menn, MD; Iman K. Yazdi, BSc(Hons); Sm Z. Khaled, PhD; Bradley K Weiner, MD; Barbara L. Bass, MD, FACS; Ennio Tasciotti, PhD. *From the Methodist Hospital Research Institute, Houston, TX*

DISCUSSANT: Melina R. Kibbe, MD, FACS, *Chicago, IL*

#### **Angiogenesis Inhibition Augments the Effect of Imatinib in Gastrointestinal Stromal Tumor (GIST)**

Noah A. Cohen, MD; Shan Zeng, MD, PhD; Teresa S. Kim, MD; Michael J. Cavnar, MD; Adrian M. Seifert, MD; Eric C. Sorenson, MD; Jonathan B. Greer, MD; Megan H. Crawley; Benjamin L. Green; Ronald P. DeMatteo, MD, FACS. *From Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: Nita Ahuja, MD, FACS, *Baltimore, MD*

SF07 | 2:30 - 4:00 pm

#### **Global Surgery**

Location: 209B

TRACK: HP

MODERATOR: Kathleen M. Casey, MD, FACS, *Chicago, IL*

CO-MODERATOR: John G. Meara, MD, FACS, *Boston, MA*

2013 Excellence in Research Award Recipient:

Allison F. Linden, MD, MPH, *Boston, MA*

#### **A Validated Community-Based Survey to Measure Surgical Epidemiology in Northern Rwanda**

Allison F. Linden, MD, MPH; Rebecca Maine, MD; Kamanzi Emmanuel; Gita N. Mody, MD, MPH; Georges Ntakiyiruta; Edmond Ntaganda; John G. Meara, MD, FACS; Robert Riviello, MD, MPH. *From Harvard Medical School, Boston, MA*

DISCUSSANT: Selwyn O. Rogers, MD, MPH, FACS, *Philadelphia, PA*

#### **Defining the Role of Surgery in Global Health: A Systematic Review of Cost-Effectiveness of Surgery in Developing Countries**

Tiffany E. Chao, MD, MPH; Ketan Sharma; Lars Hagander, MD; John G. Meara, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Samuel R. G. Finlayson, MD, MPH, FACS, *Boston, MA*

#### **Geospatial Analysis of Trauma Referrals in a Low-Resource Setting: Implications for Health System Strengthening**

Robin T. Petroze, MD, MPH; Jean C. Byiringiro, MD; Patrick Kyamanywa, MD, MPH; Georges Ntakiyiruta, MD; Robert G. Sawyer, MD, FACS; Christopher A. Guidry, MD; James F. Calland, MD, FACS. *From the University of Virginia, Charlottesville*

DISCUSSANT: James F. Calland, MD, FACS, *Charlottesville, VA*

#### **Beyond Watchful Waiting: The Burden of Inguinal Hernias in Low-Income Countries**

Advait Bongu, MD; Anastasia Kunac, MD; Cathy M. Blaskewicz, APN-C; David H. Livingston, MD, FACS; Ziad C. Sifri, MD, FACS. *From the University of Medicine and Dentistry New Jersey-New Jersey Medical School, Newark*

DISCUSSANT: Charles J. Filipi, MD, FACS, *Omaha, NE*

#### **Implementation of a Low-Cost Laparoscopic Skills Curriculum in a Third World Setting**

Kristin L. Long, MD; Carol Spears, MD, FACS; Daniel E. Kenady, MD, FACS; J. Scott Roth, MD, FACS. *From the University of Kentucky, Lexington*

DISCUSSANT: Raymond R. Price, MD, FACS, *Salt Lake City, UT*

# **Introducing Laparoscopy in Resource-Limited Environments—A Report of Innovative Techniques Used to Make Laparoscopy Feasible in Chinandega, Nicaragua**

Sabina M. Siddiqui, MD; Zachary Ernstberger. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Robert Riviello, MD, Boston, MA

# **Profile and Economic Impact of Motorcycle Injuries Treated at a University Referral Hospital in Kigali, Rwanda**

Ingabire A. Jean De La Croix, MD, MPH; Robin T. Petroze, MD, MPH; Okiria J. Charles, MD, MPH; James F. Calland, MD, FACS; Jean C. Byiringiro, MD. *From the National University of Rwanda, Kigali*

DISCUSSANT: Lenworth M. Jacobs, Jr., MD, MPH, FACS, Hartford, CT

SF08 | 2:30 - 5:45 pm

## **Surgical Oncology/Endocrine I**

Location: 102

TRACK: ONC

MODERATOR: Elizabeth A. Mittendorf, MD, PhD, FACS, Houston, TX

2013 Excellence in Research Award Recipient:

Scott K. Sherman, MD, Iowa City, IA

# **Effects of Contralateral Prophylactic Mastectomy on Life Expectancy Using a Markov Model**

Pamela R. Portschi, MD; Karen Kuntz, ScD; Todd M. Tuttle, MD, FACS. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Isabelle Bedrosian, MD, FACS, Houston, TX

# **Marginal Zinc Deficiency Abrogates the Protective Effect of Lactation Against Breast Cancer in a Mouse Model**

Zeynep Bostanci, MD; Laura M. Enomoto, MD; Ronald P. Mack, Jr.; David I. Soybel, MD, FACS; Shannon L. Kelleher, PhD. *From Penn State University, University Park, PA*

DISCUSSANT: Ronald J. Weigel, MD, PhD, FACS, Iowa City, IA

# **Use of Near-Infrared Imaging to Improve Surgical Resection of Breast Cancer**

Melissa L. Korb, MD; Yolanda E. Hartman; Kurt R. Zinn, PhD, DVM; Kirby I. Bland, MD, FACS; Eben L. Rosenthal, MD, FACS. *From the University of Alabama-Birmingham*

DISCUSSANT: Todd M. Tuttle, MD, FACS, Minneapolis, MN

# **Vandetanib Increases the Efficacy of Tamoxifen in a Preclinical Luminal Breast Cancer Model**

Philip Spanheimer, MD; Jung M. Park; Ryan W. Askeland, MD; Anthony R. Cyr; George W. Woodfield; Ronald J. Weigel, MD, PhD, FACS. *From the University of Iowa, Iowa City*

DISCUSSANT: Isabelle Bedrosian, MD, FACS, Houston, TX

# **Metastasis of Murine Colon Adenocarcinoma Is Neutrophil Dependent**

Karen K. Lo, MD; Carlton C. Barnett, MD; Sean P. Colgan, PhD; Richard D. Schulick, MD, FACS; Denis D. Bensard, MD, FACS; Eric L. Campbell, PhD; Colm B. Collins, PhD. *From the University of Colorado, Aurora*

DISCUSSANT: Ronald P. DeMatteo, MD, FACS, New York, NY

# **T Cell Exhaustion Impedes Antitumor Immunity in Gastrointestinal Stromal Tumor (GIST)**

Adrian M. Seifert, MD; Teresa S. Kim, MD; Michael J. Cavnar, MD; Noah A. Cohen, MD; Eric C. Sorenson, MD; Jonathan B. Greer, MD; Shan Zeng, MD, PhD; Megan H. Crawley; Benjamin L. Green; Ronald P. DeMatteo, MD, FACS. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: Cristina R. Ferrone, MD, FACS, Boston, MA

# **Extracellular Superoxide Dismutase Reduces Pancreatic Cancer Invasion and Metastasis**

Brianne O'Leary, PhD; Jennifer E. Hrabe, MD; Michael D. Henry, PhD; Frederick E. Domann, PhD; James J. Mezhir, MD, FACS. *From the University of Iowa Hospitals and Clinics, Iowa City*

DISCUSSANT: Carlton C. Barnett, MD, FACS, Denver, CO

# **Polo-Like Kinase 4 (Plk4) Promotes Cancer Cell Invasion**

Karineh Kazazian, MD; Roland Xu; Francis Zih, MD; Carla Rosario, PhD; Carol J. Swallow, MD, PhD, FRCS, FACS. *From the University of Toronto, ON*

DISCUSSANT: Ronald P. DeMatteo, MD, FACS, New York, NY

# **PHH3 Immunostaining: A Novel Prognostic Biomarker in Pancreatic Neuroendocrine Tumors**

Matteo Ligorio, MD; Jan P. Briet, MD; Eduardo Alfaro, MD; Francesco Sabbatino, MD; Jennifer Wargo, MD; Deshpande Vikram, MD; Carlos Fernandez-del Castillo, MD, FACS; Stephanie Goff, MD; Keith D. Lillemoe, MD, FACS; Cristina R. Ferrone, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: James J. Mezhir, MD, FACS, Iowa City, IA

# **Gene Expression in Neuroendocrine Tumor Liver Metastases Accurately Distinguishes between Pancreas and Small Bowel Primary Tumors**

Scott K. Sherman, MD; Jennifer C. Carr, MD; Donghong Wang; M. Sue O'Dorisio, MD, PhD; Thomas M. O'Dorisio, MD; James R. Howe, MD, FACS. *From the University of Iowa, Iowa City*

DISCUSSANT: Cristina R. Ferrone, MD, FACS, Boston, MA

# **The Utility of Measuring Ionized Calcium Levels in Identifying Recurrent Disease in Patients Following Curative Parathyroidectomy for Primary Hyperparathyroidism**

Azadeh A. Carr, MD; Tina W. F. Yen, MD, FACS; Kara Doffek; Douglas B. Evans, MD, FACS; Tracy S. Wang, MD, MPH, FACS. *From the Medical College of Wisconsin, Milwaukee*

DISCUSSANT: Glenda G. Callender, MD, FACS, New Haven, CT

# **The Bethesda System Revisited: Evolution of "Atypia of Undetermined Significance"**

Jacqueline I. Lee, MD; Shirley Yan, MD; Fiemu E. Nwariaku, MD, FACS; Stacey Woodruff, MD; Shelby Holt, MD, FACS; Jennifer Rabaglia, MD, FACS. *From the University of Texas Southwestern Medical Center, Dallas*

DISCUSSANT: Tracy S. Wang, MD, MPH, FACS, Milwaukee, WI

SF09 | 2:30 - 5:45 pm

**Urology and Reproductive Surgery I**

Location: 143A

TRACK: URO

MODERATOR: Maxwell V. Meng, MD, FACS, *San Francisco, CA*CO-MODERATOR: Scott E. Delacroix, MD, *Houston, TX*

2013 Excellence in Research Award Recipient:

Will Kirby, MD, *Chapel Hill, NC***Factors Influencing the Length of Stay after Radical Cystectomy; Implications for Cancer Care and Perioperative Management**Eugene J. Pietzak, MD; Wei-Ting Hwang, PhD; S. Bruce Malkowicz, MD; Thomas J. Guzzo, MD, MPH. *From the Hospital of the University of Pennsylvania, Philadelphia*

DISCUSSANT: Moderator(s)

**Nutritional Predictors for Complications Following Radical Cystectomy: An Analysis of the American College of Surgeons National Quality Improvement Program (ACS NSQIP®)**David C. Johnson, MD, MPH; Will Kirby, MD; Jed E. Ferguson, MD, PhD; Angela Smith, MD; Jonathan Matthews, MPH; Michael E. Woods, MD, FACS; Matthew E. Nielsen, MD, FACS; Mathew C. Raynor, MD; Raj S. Pruthi, MD, FACS; Eric M. Wallen, MD, FACS. *From the University of North Carolina, Chapel Hill*DISCUSSANT: Viraj Master, MD, FACS, *Atlanta, GA***Initial Experience Assessing Pre-Operative Frailty with Patients Undergoing Radical Cystectomy for Urothelial Cancer**Louis M. Revenig; Caroline G. Tai, MPH; Maxwell D. Taylor, MD; Viraj A. Master, MD, PhD, FACS; Kenneth Ogan, MD; Daniel J. Canter, MD. *From the Emory University School of Medicine, Atlanta, GA*

DISCUSSANT: Moderator(s)

**Nutritional Deficiency (ND) Is Associated with Early Mortality in Patients with Metastatic Renal Cell Carcinoma (RCC) Undergoing Cytoreductive Nephrectomy (CN)**Anthony Corcoran, MD; Robert G. Uzzo, MD, FACS; John Walton; Zachary Piotrowski, MD; Elizabeth Handorf, PhD; David Chen, MD, FACS; Rosalia Viterbo, MD, FACS; Richard E. Greenberg, MD, FACS; Marc C. Smaldone, MD; Alexander Kutikov, MD. *From the Fox Chase Cancer Center, Philadelphia, PA*DISCUSSANT: Jose A. Karam, MD, *Houston, TX***Economic Impact of Training and Career Choices in Urologic Surgery**Will Kirby, MD; Joshua P. Langston, MD; David C. Johnson, MD, MPH; Jed E. Ferguson, MD, PhD; Raj S. Pruthi, MD, FACS. *From the University of North Carolina, Chapel Hill*

DISCUSSANT: Moderator(s)

**Trends in the Academic Urologic Workforce in 2012**Joshua P. Langston, MD; Will Kirby, MD; David C. Johnson, MD, MPH; James E. Ferguson III, MD, PhD; Raj S. Pruthi, MD, FACS; Culley C. Carson III, MD, FACS. *From the University of North Carolina, Chapel Hill*DISCUSSANT: Viraj Master, MD, FACS, *Atlanta, GA***Intraoperative Blood Transfusion Is Associated with Worse Cancer Specific Survival in Patients Undergoing Radical Cystectomy**E. Jason Abel, MD; Octavia Devon, MD; Fangfang Shi; David F. Jarrard, MD; Tracy M. Downs, MD, FACS. *From the University of Wisconsin School of Medicine and Public Health, Madison*DISCUSSANT: Jose A. Karam, MD, *Houston, TX***Utility of Preoperative Inflammatory Markers for Prognosis in Patients with Renal Cell Carcinoma and Vena Cava Tumor Thrombus**Charles A. Lorentz; S. Mohammad A. Jafri, MD; Caroline G. Tai, MPH; Lindsey A. Herrel, MD; Viraj A. Master, MD, PhD, FACS. *From the Emory University School of Medicine, Atlanta, GA*DISCUSSANT: Jose A. Karam, MD, *Houston, TX***Preoperative Neutrophil-Lymphocyte Ratio (NLR) Correlates with Tumor Stage and Grade at Time of Transurethral Resection of Bladder Tumors**Tracy M. Downs, MD, FACS; Muta M. Issa; Luke Hillman; Daniel D. Shapiro; Ryan W. Dobbs; David F. Jarrard, MD; Viraj A. Master, MD, PhD, FACS; E. Jason Abel, MD; Daniel J. Canter, MD. *From the University of Wisconsin, Madison*

DISCUSSANT: Moderator(s)

**Long-Term Outcomes following Posterior Urethroplasty for Traumatic Pelvic-Fracture Associated Posterior Urethral Disruption in a Contemporary Cohort**Brad D. Figler, MD; Geolani Dy, MD; Hunter B. Wessells, MD, FACS; Bryan B. Voelzke, MD. *From the University of Washington, Seattle*DISCUSSANT: Viraj Master, MD, FACS, *Atlanta, GA***The Impact of Seatbelts and Airbags on Renal Injuries and Nephrectomy Rates in Motor Vehicle Collisions**Marc A. Bjurlin, DO; Michele M. Mellett, MD, FACS; Richard J. Fantus, MD, FACS; Dana Villines, MS. *From New York University, New York*

DISCUSSANT: Moderator(s)

SF10 | 2:30 - 5:45 pm

**Vascular Surgery I**

Location: 143BC

TRACK: VAS

MODERATOR: Kathleen G. Raman, MD, FACS, *St. Louis, MO*CO-MODERATOR: Bryan W. Tillman, MD, *Pittsburgh, PA***Differential Roles of Toll-Like Receptors (TLR) in Regulating Endothelial Cell Angiogenic Behavior In Vitro**Jia Xu, PhD; Kelly Benabou; Xiangdong Cui, MD; Edith Tzeng, MD, FACS; Ulka Sachdev, MD, FACS. *From the University of Pittsburgh Medical Center, PA*DISCUSSANT: Luke P. Brewster, MD, PhD, MA, *Decatur, GA***Reintervention and Cost-Effectiveness after Endovascular vs. Open Popliteal Artery Aneurysm Repair**Wouter Hogendoorn, MD; M.G. Myriam Hunink, MD, PhD; Felix J.V. Schlosser, MD, PhD; Bart E. Muhs, MD, PhD, FACS; Frans L. Moll, MD, PhD; Bauer E. Sumpio, MD, PhD, FACS. *From Yale University School of Medicine, New Haven, CT*DISCUSSANT: Philip P. Goodney, MD, *Lebanon, NH*

**Preoperative Ability to Perform Basic Daily Activities Independently Predicts Perioperative Outcomes after Elective Carotid Endarterectomy in Asymptomatic Patients**

Anand Dayama, MD; Pratik M. Pimple, MB, BS; Barath R. Badrinathan, MD; James G. Reeves. *From the Emory University School of Medicine, Atlanta, GA*  
DISCUSSANT: Jason M. Johannings, MD, FACS, *Omaha, NE*

**The Nogo-PirB Axis Controls Macrophage-Mediated Vascular Remodeling**

Caroline C. Jadowiec, MD; Yuka Kondo, MD, PhD; Akihito Muto, MD, PhD; Tai Yi, MD; Clinton D. Prottack, MD; Michael J. Collins, MD; Alan Dardik, MD, PhD, FACS. *From Yale University, New Haven, CT*  
DISCUSSANT: Ulka Sachdev, MD, *Pittsburgh, PA*

**Poly-ADP Ribose Polymerase (PARP) Inhibition Enhances Ischemic/Diabetic Wound Healing**

Bao-Ngoc Nguyen, MD; Wengang Cao, MD, PhD; Yajuan Li, PhD; Ka Bian, MD, PhD; Richard L. Amdur, PhD; Rakesh Kumar, PhD; Anton Sidawy, MD, PhD, FACS. *From George Washington University, Washington, DC*  
DISCUSSANT: Katherine A. Gallagher, MD, *Ann Arbor, MI*

**The Shift Toward Endovascular Abdominal Aortic Aneurysm Repair in the U.S.**

Jordan P. Knepper, MD; Katherine Gallagher, MD; Nicholas H. Osborne, MD. *From the University of Michigan, Ann Arbor, MI*  
DISCUSSANT: Michael R. Go, MD, FACS, *Columbus, OH*

**Hybrid Procedures for Peripheral Vascular Disease: Insights from the ACS NSQIP® on the Outcomes of Complex Lower Extremity Revascularizations**

Nicholas H. Osborne, MD; Jordan P. Knepper, MD; John E. Rectenwald, MD, FACS; Peter K. Henke, MD, FACS; Katherine A. Gallagher, MD. *From the University of Michigan, Ann Arbor*  
DISCUSSANT: Matthew A. Corriere, MD, FACS, *Atlanta, GA*

**Fabrication and In Vivo Perfusion of Vascularized Tissue Engineered Constructs**

Rachel Campbell, MD; Karina A. Hernandez, DO; Tatiana Boyko, MD; Peter Delnero; Daniel Garcia, PhD; Alyssa J. Reiffel, MD; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*  
DISCUSSANT: Alan Dardik, MD, FACS, *New Haven, CT*

**Preoperative Vein Mapping Predicts Failure of Arteriovenous Fistula Maturation and Long-Term Patency**

Leigh Anne Dageforde, MD; Kelly Harms; Irene D. Feurer, PhD; Andrew Wright; David Shaffer, MD, FACS. *From the Vanderbilt University Medical Center, Nashville, TN*  
DISCUSSANT: Peter K. Henke, MD, FACS, *Ann Arbor, MI*

**Local Delivery of Halofuginone Ameliorates Restenosis by Inducing Adaptive Remodeling, Reducing Intimal Hyperplasia, and Preserving Re-Endothelialization**

Shakti A. Goel, MB, BS; Lian-Wang Guo, PhD; Toshio Takayama, MD, PhD; Christopher Little, BS; Drew A. Roenneburg; Bo Liu, PhD; K. Craig Kent, MD, FACS. *From the Wisconsin Institute for Medical Research, Madison*  
DISCUSSANT: Melina R. Kibbe, MD, FACS, *Chicago, IL*

SF11 | 4:15 - 5:45 pm

**Pediatric Surgery I**

Location: 149

TRACK: PED

MODERATOR: Oluyinka O. Olutoye, MBChB, FACS, *Houston, TX*

CO-MODERATOR: Sundeep G. Keswani, MD, FACS, *Cincinnati, OH*

**Surgical Resection Combined with Application of Doxorubicin-Loaded Sustained Release Silk Film as a Treatment Strategy in an Orthotopic Xenograft Neuroblastoma Mouse Model**

Bill Chiu, MD; Jeannine Coburn, PhD; F. Philipp Seib, PhD; Alain Charest, PhD; David L. Kaplan, PhD. *From Tufts University Medical Center, Boston, MA*

DISCUSSANT: Sanjeev A. Vasudevan, MD, *Houston, TX*

**Low Abdominal NIRS Values and Elevated Serum Intestinal Fatty Acid-Binding Protein Predict Necrotizing Enterocolitis in a Premature Piglet Model**

Irving J. Zamora, MD; Barbara Stoll, PhD; Cecilia G. Ethun; Fariha Sheikh, MD; Ling Yu; Douglas G. Burrin, PhD; Oluyinka O. Olutoye, MD, PhD, FACS. *From Baylor College of Medicine, Houston, TX*

DISCUSSANT: Jeffrey S. Upperman, MD, FACS, FAAP, *Los Angeles, CA*

**Hispanic Disadvantage in the Surgical Outcomes of Malrotation and Midgut Volvulus**

Ala S. Frey, MD, FACS; Yuan-Shung V. Huang; Katherine Yun, MD; Casey I. Coleman; David M. Rubin, MD; Joanne N. Wood, MD, MSPH. *From Abington Memorial Hospital, PA, and The Children's Hospital of Philadelphia, PA*

DISCUSSANT: Sundeep G. Keswani, MD, FACS, *Cincinnati, OH*

**The Radiation Footprint on the Pediatric Trauma Patient**

Zainab Farzal; Zehra Farzal; Sarah Wilson, MSN, PNP; Erica Brown, MSN, PNP; Lorrie Burkhalter; Anne C. Fischer, MD, PhD, FACS. *From the Children's Medical Center/University of Texas-Southwestern, Dallas*

DISCUSSANT: Oluyinka O. Olutoye, MBChB, FACS, *Houston, TX*

**Extra-Abdominal Injuries Associated with Blunt Abdominal Visceral Injury: Utility of Prediction Across Age and Mechanism of Injury**

Aaron R. Jensen, MD; Rita V. Burke, PhD, MPH; Elizabeth M. Pontarelli, MD; David W. Bliss, MD, FACS; Henri R. Ford, MD, MHA, FACS; Jeffrey S. Upperman, MD, FACS. *From Children's Hospital Los Angeles, CA*

DISCUSSANT: Anne C. Fischer, MD, PhD, FACS, *Royal Oak, MI*

**Function of Restored Jejunum Lengthened by A Degradable Spring**

Veronica F. Sullins, MD; Justin P. Wagner, MD; Elvin K. Chiang; Steven L. Lee, MD, FACS; Benjamin M. Wu, DDS, PhD; James C.Y. Dunn, MD, PhD, FACS. *From the University of California-Los Angeles*

DISCUSSANT: Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

## Tuesday, October 8

SF12 | 8:00 - 11:15 am

### Cardiothoracic Surgery I

Location: 154

TRACK: CTS

MODERATOR: Lawrence H. Cohn, MD, FACS, *Boston, MA*  
CO-MODERATOR: Frederick Y. Chen, MD, FACS, *Boston, MA*

2013 Excellence in Research Award Recipient:  
Mahesh Thirunavukkarasu, PhD, *Farmington, CT*

#### Minimally Invasive Mitral Valve Repair Utilizing an Efficient, Effective Leaflet Remodeling Technique

John W. MacArthur, MD; Jeffrey E. Cohen, MD;  
Andrew B. Goldstone, MD; Alexander S. Fairman;  
Alen Trubelja; Bryan B. Edwards; Jay Patel; Pavan  
Atluri, MD; Y. Joseph Woo, MD, FACS. *From the*  
*University of Pennsylvania, Philadelphia*

DISCUSSANT: Edward G. Soltesz, MD, *Cleveland, OH*

#### Thioredoxin-1 (Trx-1) Engineered Mesenchymal Stem Cell Therapy Increased Pro-Angiogenic Factors, Reduced Fibrosis and Improved Heart Function in the Infarcted Rat Myocardium

Mahesh Thirunavukkarasu, PhD; Sumanth Chan-  
napatna Suresh, MD; Vaithinathan Selvaraju, PhD;  
Juan A Sanchez, MD, FACS; J. Alexander Palesty,  
MD, FACS; David W. McFadden, MD, FACS; Nilan-  
jana Maulik, PhD. *From the University of Connecticut*  
*Health Center, Farmington*

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

#### The Novel Chemokine Engineered Stromal Cell Derived Factor-1alpha Recruits Endothelial Progenitor Cells to the Infarct Borderzone; Results from an eGFP+ Bone Marrow Chimera Model

John W. MacArthur, MD; Jeffrey E. Cohen, MD;  
Yasuhiro Shudo, MD; Alen Trubelja; Alexander  
S. Fairman; Jay Patel; Bryan B. Edwards; William  
Hiesinger, MD; Pavan Atluri, MD; Y. Joseph Woo,  
MD, FACS. *From the University of Pennsylvania,*  
*Philadelphia*

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

#### Nonagenarians Undergoing Cardiac Surgery—Are Established Risk Calculators Accurate?

John P. Davis, MD; Damien J. LaPar, MD; Ivan K.  
Crosby, MD, FACS; John A. Kern, MD, FACS; Chris-  
tine L. Lau, MD, FACS; Irving L. Kron, MD, FACS;  
Gorav Ailawadi, MD, FACS. *From the University of*  
*Virginia, Charlottesville*

DISCUSSANT: Edward G. Soltesz, MD, *Cleveland, OH*

#### Delaying Surgery for Esophageal Cancer Increases Post-operative Complications

Nicholas R. Teman, MD; Latifa Silski, MD; Lili Zhao,  
PhD; Maggie Kober, MD; Susan C. Urba, MD; Mark  
B. Orringer, MD, FACS; Andrew C. Chang, MD, FACS;  
Jules Lin, MD, FACS; Rishindra M. Reddy, MD, FACS.  
*From the University of Michigan Health System, Ann*  
*Arbor*

DISCUSSANT: Christopher R. Morse, MD, *Boston, MA*

#### Systemic-to-Pulmonary Artery Shunt Counterpulsation Prevents Diastolic Coronary Blood Flow Runoff

Virgil Secasanu; I. Ricardo Argueta-Morales, MD;  
Kelly Cox; Constantine Ionan, MD; Alain J. Kassab,

PhD; William M. DeCampi, MD, FACS. *From the*  
*University of Central Florida, Orlando*

DISCUSSANT: Raja R. Gopaldas, MD, FACS, *Columbia,*  
*MO*

#### A Novel Targeted and Sustained Release Intramyocardial Delivery System of Neuregulin to Enhance Cardiac Function in a Murine Model of Ischemic Cardiomyopathy

Jeffrey E. Cohen, MD; Brendan P. Purcell; John W.  
MacArthur, MD; Alen Trubelja; Alexander S. Fair-  
man; Jay B. Patel; Bryan B. Edwards; Pavan Atluri,  
MD; Y. Joseph Woo, MD, FACS. *From the University*  
*of Pennsylvania, Philadelphia*

DISCUSSANT: Robert S. Farivar, MD, *Philadelphia, PA*

#### The Cardioprotective Benefits of KATP Channel Opener Diazoxide Are Lost with Administration after the Onset of Stress in Mouse and Human Myocytes

Muhammad B. Janjua, MD; Carol M. Makepeace;  
Melissa M. Anastacio, MD; Richard B. Schuessler,  
PhD; Colin G. Nichols, PhD; Jennifer S. Lawton, MD,  
FACS. *From Washington University, St. Louis, MO*

DISCUSSANT: Robert S. Farivar, MD, *Philadelphia, PA*

#### Regulation of Mitochondrial Oxidative Stress by Beta-Arrestins in Adult Human Cardiac Fibroblasts

Jennifer L. Philip; Jinju Li, PhD; Tiju Theccanat.  
*From the University of Chicago, IL*

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

#### Does Preoperative Pulmonary Rehabilitation Effect Outcomes in Low FEV1 Patients Undergoing Lung Cancer Resection

Asra Hashmi, MD; Frank A. Baciewicz, MD; Ayman  
O. Soubani, MD; Shirish Gadgeel, MD. *From Wayne*  
*State University/Detroit Medical Center, MI*

DISCUSSANT: Christopher R. Morse, MD, *Boston, MA*

SF13 | 8:00 - 11:15 am

### Critical Care I: Inflammation and Immunity

Location: 102

TRACKS: GEN, TRA

MODERATOR: Tina S. Mele, MD, FACS, *London, ON*  
CO-MODERATOR: Alicia M. Mohr, MD, FACS, *Newark, NJ*

2013 Excellence in Research Award Recipient:  
Sulaiman R. Hamarneh, MD; *Boston, MA*

#### Chronic Stress following Injury and Hemorrhagic Shock Impairs Wound Healing

Letitia E. Bible, MD; Latha V. Pasupuleti, MD; Kim-  
berly J. Song, MD; Ziad C. Sifri, MD, FACS; Walter  
D. Alzate; David H. Livingston, MD, FACS; Alicia M.  
Mohr, MD, FACS. *From the University of Medicine*  
*and Dentistry, New Jersey, Newark*

DISCUSSANT: David G. Greenhalgh, MD, FACS,  
*Sacramento, CA*

#### The Effect of Intestinal Alkaline Phosphatase on Abscess Fluid Induced Inflammation

Sulaiman R. Hamarneh, MD; Kimberly E. Kopecky;  
Konstantinos P. Economopoulos, MD; Qingsong  
Tao, MD; Abeba Teshager; Palak Patel; Nondita S.  
Malo; Nur Muhammad, MD; Madhu S. Malo, MD,  
PhD; Richard A. Hodin, MD, FACS. *From Massachu-*  
*setts General Hospital, Boston*

DISCUSSANT: Matthew R. Rosengart, MD, FACS,  
*Pittsburgh, PA*

### Stimulation of Wnt/beta-catenin Signaling with Wnt Agonist Reduces Organ Injury in Hemorrhagic Shock

Michael Kuncewitch, MD; Weng-Lang Yang, PhD; Adam Khader, MD; Matthew D. Giangola, MD; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *From Hofstra North Shore-Long Island Jewish School of Medicine, Manhasset, NY*

DISCUSSANT: John G. Wood, PhD, *Kansas City, KS*

### Selective Inhibition of Histone Deacetylase 6 Attenuates Inflammation and Improves Long-Term Survival in a Lethal Septic Model

Ting Zhao, MD; Yongqing Li, MD, PhD; Baoling Liu, MD; Ralph Mazitschek, PhD; Xiuzhen Duan, MD, PhD; George C. Velmahos, MD, PhD, FACS; Hasan B. Alam, MD, FACS. *From Massachusetts General Hospital/Harvard Medical School, Boston*

DISCUSSANT: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

### Inhibition of Sepsis-Induced Inflammatory Response by Beta1-Adrenergic Antagonists

Irada Ibrahim-zada, MD, PhD; Christopher Gomez; Peter M. Rhee, MD, MPH, FACS; Randall S. Friese, MD, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: John C. Alverdy, MD, FACS, *Chicago, IL*

### Microvascular Acclimatization to Chronic Hypoxia Attenuates Microvascular Inflammation following Hemorrhagic Shock/Resuscitation via Inos

Jessica Hogan, MD; John G. Wood, PhD; Michael Moncure, MD, FACS; James H. Thomas, MD, FACS. *From the University of Kansas Medical Center, Kansas City*

DISCUSSANT: Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

### IL-23 Activation of NKT Cells Contributes to Early Damage Following Hepatic I/R Injury

John R. Klune, MD; Christian Bartels; Hai Huang, MD; Shinichiro Yokota, MD; Timothy R. Billiar, MD, FACS; David A. Geller, MD, FACS. *From the University of Pittsburgh, PA*

DISCUSSANT: Philip A. Efron, MD, FACS, *Gainesville, FL*

### Steroid Inhibition with RU486 in a Human Glucocorticoid Receptor Isoform that Lacks a Ligand Binding Domain

Michael V. Lasker, MD, PhD; Stacey M. Leventhal; Debora Lim; Tajia L. Green; Kiho Cho, DVM, PhD; David G. Greenhalgh, MD, FACS. *From the University of California-Davis*

DISCUSSANT: Moderator(s)

### Induced Hypothermia During Resuscitation from Hemorrhagic Shock Attenuates Microvascular Inflammation in the Rat Mesenteric Microcirculation

Garrett N. Cohan; John G. Wood, PhD; Michael Moncure, MD, FACS; James H. Thomas, MD, FACS. *From the University of Kansas Medical Center, Kansas City*

DISCUSSANT: Raquel M. Forsythe, MD, FACS, *Pittsburgh, PA*

SF14 | 8:00 - 11:15 am

### Plastic and Maxillofacial Surgery I

Location: 149AB

TRACK: PL

MODERATOR: Lifei Guo, MD, PHD, FACS, *Boston, MA*

CO-MODERATOR: Justin M. Sacks, MD, FACS, *Washington, DC*

### Dynamic 3-Dimensional Measurement Method as an Accurate Method of Measuring Gap Formation of the Repaired Tendon

Yuqing Tang; Claire McKeever; Bella Avanesian, MD; Francesco Gargano, MD. *From Nantong, China*

DISCUSSANT: Paul Y. Lin, MD, FACS, *Providence, RI*

### Immediate, Staged Approach to Infected Synthetic Mesh: Outcomes following Abdominal Wall Reconstruction with Porcine Acellular Biological Matrix

Frank P. Albino, MD; Ketan M. Patel, MD; Maurice Y. Nahabedian, MD, FACS; Christopher E. Attinger, MD, FACS; Parag Bhanot, MD, FACS. *From Georgetown University Hospital, Washington, DC*

DISCUSSANT: B. Todd Heniford, MD, FACS, *Charlotte, NC*

### Comparative Outcomes of Two Porcine Dermal Biologic Grafts in Infected Fields

Joel F. Bradley III, MD; Kristopher B. Williams, MD; Blair A. Wormer, MD; Amanda L. Walters, Amy E. Lincourt, PhD; B. Todd Heniford, MD, FACS. *From the Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Moderator(s)

### Platelet Rich Plasma Enhances Tissue Deposition Through Increased Early Neovascularization on Porcine Acellular Dermal Matrices

Joseph S. Fernandez-Moure, MD; Jeffrey Van Eps, MD; Zachary K. Menn, MD; Warren Ellsworth III, MD; Fernando Carbrera, MD; Bradley K. Weiner, MD; Ennio Tasciotti, PhD; Barbara L. Bass, MD, FACS. *From the Methodist Hospital Research Institute, Houston, TX*

DISCUSSANT: Moderator(s)

### Facial Artery Musculomucosal Flap for Reconstruction of Partial Glossectomy Defects

Kristen Aliano, MD; John Layliev, MD; Steve Stavrides, PA-C; Tommaso Addona, MD, FACS; Matthew Kilgo, MD, FACS; Douglas Frank, MD, FACS; Thomas Davenport, MD, FACS. *Long Island Plastic Surgical Group, Garden City, NY*

DISCUSSANT: Moderator(s)

### Impact of Intraoperative Vasopressors Use in Free Tissue Transfer for Head, Neck and Extremity Reconstruction

David A. Kelly, MD; J. Clayton Crantford, MD; Michael Reynolds, MD; Ivo A. Pestana, MD. *From Wake Forest Baptist Health, Winston-Salem, NC*

DISCUSSANT: Moderator(s)

### Temporal Morphomics as a Model for Aiding Preoperative Risk of Blood Transfusion in Non-Syndromic Craniosynostosis Patients

Jacob R. Rinkinen; Michael N. Terjimanian; Matthew Benedict; David Hiltzik; Jeffrey Lisiecki; Stewart C. Wang, MD, PhD, FACS; Steven R. Buchman, MD, FACS; Benjamin Levi, MD. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Moderator(s)

### Superior Orbital Fractures in Pediatric Trauma: Defining Criteria for Intervention

Devin Coon, MD; Danielle Jones; Nance Yuan; Lori Howell, MD; Michael P. Grant, MD, PhD, FACS; Richard J. Redett III, MD, FACS. *From the Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Moderator(s)

### Outcomes in Cranioplasty—Risk Factors and Choice of Reconstructive Material

Sashank Reddy, MD, PhD; Saami Khalifian; Jose Flores, MPH; Justin Bellamy; Daniel Borsuk, MD; Paul N. Manson, MD, FACS; Eduardo Rodriguez, MD, DDS, DNB; Amir Dorafshar, MB, BCh. *From the Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Moderator(s)

SF15 | 8:00 - 11:15 am

### Quality, Outcomes, and Costs II

Location: 151A

TRACK: EDU, HP

MODERATOR: Taylor S. Riall, MD, PhD, FACS, *Galveston, TX*

### Does Same-Hospital Readmission Rate Correlate with All-Hospital Readmission Rate?

Andrew Gonzalez, MD, JD, MPH; Terry Shih, MD; Justin B. Dimick, MD, FACS; Amir A. Ghaferi, MD. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Fergal J. Fleming, MB, BCh, FRCS, *Rochester, NY*

### Assessing the Care of Geriatric Trauma Patients: Use of Quality Indicators

David K. Nguyen, MD; Sigrid Burruss, MD; Lillian Min, MD; Irina Yermilov, MD, MPH; H. Gill Cryer, MD, PhD, FACS; Areti Tillou, MD, MEd, FACS; Melinda Maggard-Gibbons, MD, FACS. *From the David Geffen School of Medicine at the University of California-Los Angeles*

DISCUSSANT: Adil H. Haider, MB BS, MPH, FACS, *Baltimore, MD*

### The Cost of Major Surgery in the Sarcopenic Patient

Kyle H. Sheetz; Seth A. Waits, MD; Michael N. Terjmanian; June Sullivan; Darrell A. Campbell, Jr., MD, FACS; Stewart C Wang, MD, PhD, FACS; Michael J. Englesbe, MD, FACS. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

### Failure to Rescue in Safety-Net Hospitals: Does Availability of Hospital Resources Explain Differences in Performance?

Elliot Wakeam; Nathanael Hevelone, MPH; Rebecca Maine, MD; Jabar Swain, MD; Stuart Lipsitz, PhD; Samuel R.G. Finlayson, MD, MPH, FACS; Stanley W. Ashley, MD, FACS; Joel S. Weissman, PhD. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Amir A. Ghaferi, MD, MS, *Ann Arbor, MI*

### Failure to Rescue: The Impact of Multiple Sentinel Complications

Robert W. Krell, MD; Kyle Sheetz; Myura Nagen-dran; Andrew J. Mullard; Amir A. Ghaferi, MD. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Christopher L. Wolfgang, MD, FACS, *Baltimore, MD*

### Reoperation as an Intermediate Outcome

Anne M. Stey, MD; Rachel Louie; Elise Lawson, MD; Marcia M. Russell, MD; David Zingmond, MD, PhD; Bruce L. Hall, MD, PhD, FACS; Clifford Y. Ko, MD, MSHS, FACS. *From the University of California-Los Angeles*

DISCUSSANT: Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

### Reducing Readmissions After Complex Gastrointestinal Surgery: Targeting High-Risk Patients Alone Is Inadequate

Hugh G. Auchincloss, MD; Andrew Loehrer, MD; Matthew M. Hutter, MD, MPH, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Clifford S. Cho, MD, FACS, *Madison, WI*

### Optimizing the Feedback Process within a Regionalized Trauma System

Lisa Rae, MD; Joseph Cuschieri, MD, FACS; Ronald V. Maier, MD, FACS; Eileen M. Bulger, MD, FACS. *From the University of Washington, Harborview Medical Center, Seattle*

DISCUSSANT: Areti Tillou, MD, FACS, *Los Angeles, CA*

### Geographic Disparities in Post-Hospital Rehabilitation Following Traumatic Brain Injury

Ashley D. Meagher, MD; Jennifer Doorey; Christopher Beadles, MD; Anthony G. Charles, MD, MPH, FACS. *From the University of North Carolina, Chapel Hill*

DISCUSSANT: Eileen M. Bulger, MD, FACS, *Seattle, WA*

### Surgical Safety Checklist: Missing When Needed the Most?

Michael R. Laffin, MD; Abdel A. Shaheen, MD, MPH; Elijah Dixon, MD, FACS; William A. Ghali, MD, MPH; Chad G. Ball, MD, FACS; Anthony R. MacLean, MD, FACS; May L. Quan MD, MSc, FRCSC. *From the University of Alberta, Edmonton, Alberta, Canada*

DISCUSSANT: Harry T. Papaconstantinou, MD, FACS, FASCRS, *Temple, TX*

### Surgical Safety: Do Our Patients Feel Safe?

Jennifer L. Dixon, MD; Matthew M. Tillman, MD; Hania Wehbe-Janek, PhD; Chenhee Jo, PhD; Harry T. Papaconstantinou, MD, FACS. *From Scott and White Memorial Hospital, Temple, TX*

DISCUSSANT: Curtis J. Wray, MD, FACS, *Houston, TX*

### The Effects of Resource Availability on Mortality for Emergency General Surgical Admissions

Nicholas R.A. Symons, MB, BCh, MRCS; Omar D. Faiz, MB,BS, MD, FRCS; Krishna Moorthy, MD, FRCS; Alex M. Almoudaris, MB, BS, MRCS; R. Alex Bottle, PhD; Paul P. Aylin, PhD; Charles A. Vincent, PhD. *From the Imperial College London, United Kingdom*

DISCUSSANT: Lillian S. Kao, MD, MS, FACS, *Houston, TX*

SF16 | 8:00 - 11:15 am

### Surgical Oncology/Endocrine II

Location: 143BC

TRACK: ONC

MODERATOR: Nita Ahuja, MD, FACS, *Baltimore, MD*

### Ice Packs Reduce Postoperative Pain and Narcotic Use in Patients with Midline Abdominal Incisions: A Randomized Controlled Trial

Ammara Abbasi, MD; Timothy V. Johnson, MD; Adam B. Shrewsbury, MD; Tarik Madni; Ahmad Bhatti; Colyn J. Watkins, MD; David A. Kooby, MD, FACS; Charles A. Staley, MD, FACS; Shishir K. Maithel, MD, FACS; Viraj A. Master, MD, PhD, FACS. *From the Beth Israel Deaconess Medical Center, Boston, MA*

DISCUSSANT: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*



### ALLPS Is Better at Achieving Complete Resection of Primarily Non-Resectable Liver Tumors Compared to Traditional Techniques

Erik Schadde, MD, FACS; Victoria Ardiles, MD; Ksenija Slankamenac, MD, PhD; Christoph Tschuor, MD; Gregory Sergeant, MD, PhD; Kris Croome, MD; Roberto Hernandez-Alejandro, MD, FACS; Hauke Lang, MD, FACS; Eduardo De Santibanes, MD, PhD, FACS; Pierre-Alain Clavien, MD, PhD, FACS. *From the Swiss Hepatobiliary Pancreatic Surgery Center, Zurich, Switzerland; Italian Hospital, Buenos Aires, Argentina; and Western University, London, ON*

DISCUSSANT: William R. Jarnigan, MD, FACS, *New York, NY*

### Liver Regeneration and Angiogenesis after Open and Laparoscopic Left Partial Hepatectomy in a Porcine Experimental Model

Constantinos S. Mamas, MD, MSc, PhD; Nicos Kavantzias; Ismene Dontas; Antonis Analytis; Nikolaos Arkadopoulos, MD, FACS; Vasileios Smyriotis, MD, PhD. *From the University of Athens, Greece*

DISCUSSANT: David A. Kodoy, MD, FACS, *Atlanta, GA*

### An Animal Model for Combining SOS Induction and Liver Resection

Azin Jafari; Jörg C. Kalff, MD, FACS; Steffen Manekeller, MD. *From the University Hospital, Bonn, Germany*

DISCUSSANT: Kenneth K. Tanabe, MD, FACS, *Boston, MA*

### Molecular Subclasses of Human Hepatocellular Carcinoma Predict Sensitivity to Fibroblast Growth Factor Receptor Inhibition

Benjamin Schmidt, MD; Danielle K. Deperalta, MD; Lan Wei, PhD; Yujin Hoshida, MD; PhD; Kenneth K. Tanabe, MD, FACS; Bryan C. Fuchs, PhD. *From the Massachusetts General Hospital, Boston*

DISCUSSANT: Adam C. Yopp, MD, FACS, *Dallas, TX*

### Snail Cooperates with Mutant Kras to Promote Pancreatic Inflammatory Cell Infiltration

Lawrence M. Knab, MD; Kazumi Ebine; Paul Grippo, PhD; David J. Bentrem, MD, FACS; Hidayatullah Munshi, MD. *From Northwestern University, Chicago, IL*

DISCUSSANT: Syed A. Ahmad, MD, FACS, *Cincinnati, OH*

### Bmi-1 Is Required for Murine Pancreatic Cancer Initiation

Filip Bednar, MD, PhD; Meredith A. Collins; Wei Yan, MD, PhD; Yaqing Zhang, PhD; Daisuke Nakada, PhD; Diane M. Simeone, MD, FACS; Sean J. Morrison, PhD; Marina Pasca di Magliano, PhD. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Nipun B. Merchant, MD, FACS, *Nashville, TN*

### Genetic and Epigenetic Changes in Carcinoma-Associated Fibroblasts (CAF) Derived From Human Colorectal Cancers (CRC)

Amy Mrazek, MD; Laura Porro, MD; Joseph R. Carmical, MD; Guillermo Gomez, MD; Aakash Gajjar, MD, FACS; Mark R. Hellmich, PhD; Celia Chao, MD, FACS. *From the University of Texas Medical Branch, Galveston*

DISCUSSANT: Nita Ahuja, MD, FACS, *Baltimore, MD*

### The RON Receptor Tyrosine Kinase is Alternatively Spliced in Pancreatic Ductal Adenocarcinoma to Create Active Protein Isoforms

Jeffery Chakedis, MD; Randall French, PhD; Michele Babicky, MD; Megan Harper; Haleigh Howard; Dawn Jaquish; Evangeline Mose; Andrew M. Lowy, MD, FACS. *From the University of California-San Diego*

DISCUSSANT: O. Joe Hines, MD, FACS, *Los Angeles, CA*

### Identification of a Regulatory T Cell Subset That Correlates with In Vivo and In Vitro Immune Responses in Breast Cancer Patients Receiving A CD4-eliciting, HER2 Peptide Vaccine (AE37)

Alfred F. Trappey, MD; John S. Berry IV, MD; Mohamed Mursali; Yusuf Jama; Athina Zacharia; Rebecca Pham; Eric Margulies; Sathibalan Ponniah, PhD; Elizabeth A. Mittendorf, MD, FACS; George E. Peoples, MD, FACS. *From the San Antonio Military Medical Center, TX*

DISCUSSANT: Charlotte E. Ariyan, MD, FACS, *New York, NY*

### Influence of Thyroid Shape Determined by Fourier Analysis on Intra- and Postoperative Complications in Patients Operated on for Graves Disease

Franck G. Billmann, MD, PhD, FACS; Therezia Bokor-Billmann, MD; Joachim Voigt, MD; Erhard Kiffner, MD. *From the Universitätsklinikum Freiburg, Freiburg, Germany*

DISCUSSANT: Jason Prescott, MD, *Baltimore, MD*

### The Detrimental Impact of Unresected Primary Tumors in Patients with Metastatic Midgut Carcinoid Tumors

Katherine E. Campbell, MD; Bin Huang, PhD; Jing Guo; Lowell B. Anthony, MD, FACP; B. Mark Evers, MD, FACS; Shaun P. McKenzie, MD, FACS. *From the University of Kentucky College of Medicine, Lexington*

DISCUSSANT: Paul Mark Bloomston, MD, FACS, *Columbus, OH*

SF17 | 8:00 - 11:15 am

### Transplantation and Tissue Engineering

Location: 143A

TRACKS: BTR, GEN

CO-MODERATOR: Thomas M. Fishbein, MD, FACS, *Washington, DC*

CO-MODERATOR: Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

### Human and Mouse Tissue-Engineered Small Intestine Possess Membrane Transporters and Enzymes Necessary for Absorptive Function

Christa N. Grant, MD; Nicholas Zachos, PhD; Daniel E. Levin, MD; Tracy C. Grikscheit, MD, FACS. *From Childrens Hospital Los Angeles, CA*

DISCUSSANT: Daniel H. Teitelbaum, MD, FACS, *Ann Arbor, MI*

### Preservation of Epithelial-Mesenchymal Contact Is Not Required for Formation of Tissue-Engineered Intestine

Ryan G. Spurrier, MD; Allison L. Speer, MD; Tracy C. Grikscheit, MD, FACS. *From Children's Hospital Los Angeles, CA*

DISCUSSANT: Brad W. Warner, MD, FACS, *St. Louis, MO*

### **Necrosis and Immune Activation: Does Tissue Death Alter Acquired Alloimmunity?**

Salila S. Hashmi, MD; Mandy L. Ford, PhD; Christian P. Larsen, MD, PhD, FACS; Allan D. Kirk, MD, PhD, FACS. *From the Emory University School of Medicine, Atlanta, GA*

DISCUSSANT: Stephen T. Bartlett, MD, FACS, *Baltimore, MD*

### **The Predictive Value of the Kidney Donor Profile Index on Graft and Patient Survival Is Recipient Age Dependent**

Roland A. Hernandez, MD, JD; Sayeed K. Malek, MD, FACS; Samuel R.G. Finlayson, MD, MPH, FACS; Edgar L. Milford, MD; Stefan G. Tullius, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Matthew Cooper, MD, FACS, *Washington, DC*

### **Renal Allograft Tolerance Can Be Achieved in Non-Human Primates Via Delayed Mixed-Hematopoietic Chimerism and Alefacept Treatment**

Soyoung Lee, MD; Yohei Yamada, MD; Makoto Tonsho, MD; Svjetlan Boskovic, MD; Rex Neal Smith, MD; Robert B. Colvin, MD; Joren C. Madsen, MD, PhD, FACS; A. Benedict Cosimi, MD, FACS; Gilles Benichou, MD; Tatsuo Kawai, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Stephen T. Bartlett, MD, FACS, *Baltimore, MD*

### **Lung Allograft Tolerance in Non-Human Primates following Delayed Donor Bone Marrow Transplantation**

Soyoung Lee, MD, FRCSG; Akihiro Aoyama, MD; Makoto Tonsho, MD; Svjetlan Boskovic, MD; Rex N. Smith, MD; A. Benedict Cosimi, MD, FACS; Joren C. Madsen, MD, PhD, FACS; Gilles Benichou, MD; Tatsuo Kawai, MD, FACS; James S. Allan, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Moderator(s)

### **Human C1 Inhibitor Attenuates Liver Ischemia-Reperfusion Injury and Promotes Liver Regeneration**

Reza F. Saidi, MD, FACS, FICS; B. Rajeshkumar; O. Walter; A. Sharifabrizi; K. Dresser; A. Bozorgzadeh, MD, FACS. *From the University of Massachusetts Medical School, Worcester*

DISCUSSANT: Sander S. Florman, MD, FACS, *New York, NY*

### **Growth Arrest-Specific Protein 6 (Gas6) Protects Against Renal Ischemia/Reperfusion Injury**

Matthew D. Giangola, MD; Weng-Lang Yang, PhD; Salil Rajayer, MD; Michael Kunczewitch, MD; Ernesto Molmenti, MD, PhD, FACS; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *From Hofstra North Shore-Long Island Jewish School of Medicine, Manhasset, NY*

DISCUSSANT: Douglas G. Farmer, MD, FACS, *Los Angeles, CA*

### **Fabrication of Perfusable Microvessels Within Tissue Engineered Constructs**

Rachel Campbell, MD; Karina A. Hernandez, DO; Tatiana Boyko, MD; Alyssa J. Reiffel, MD; Daniel Garcia, PhD; Jeremiah Joyce; Kadria N. Derrick, MD; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*

DISCUSSANT: Christopher K. Breuer, MD, FACS, *New Haven, CT*

### **Second Allograft Outcomes in Patients with Renal Transplants: Past Performance Informs Future Performance**

Meera Gupta, MD; Malorie Snider; Alexander Wood; Peter L. Abt, MD, FACS; Matthew H. Levine, MD, PhD, FACS. *From the University of Pennsylvania, Philadelphia*

DISCUSSANT: Matthew Cooper, MD, FACS, *Washington, DC*

### **In Vitro and In Vivo Growth of Intestinal Stem Cells Using a Novel Scaffold in the Generation of an Artificial Intestine**

Shahab Shaffiey, MD; Hongpeng Jia, MD; Cait Costello, PhD; Greg Gibson; Simon Watkins, PhD; John March, PhD; David J. Hackam, MD, PhD, FACS. *From Children's Hospital of Pittsburgh, PA*

DISCUSSANT: Matthias G. Stelzner, MD, FACS, *Los Angeles, CA*

### **Preparation of Volumetric Skeletal Muscle Whole Organ Acellular Matrix to Regenerate Contractile, Vascularized, Innervated Muscle in Rodent and Canine Model**

Jian Zhang, MD, PhD; Zhiqian Hu, MD, PhD; Timothy R. Billiar, MD, FACS; Stephen F. Badylak, DVM, MD, PhD. *From the McGowan Institute for Regenerative Medicine, Pittsburgh, PA*

DISCUSSANT: James C. Y. Dunn, MD, FACS, *Los Angeles, CA*

### **SF18 | 2:30 - 4:00 pm Orthopaedic Surgery**

Location: 143A

TRACK: ORT

MODERATOR: Albert J. Aboulafla, MD, FACS, *Baltimore, MD*

Surgical Forum Dedication/2013 Excellence in Research Award Distribution (2:30 - 3:00 pm)

### **Occurrence and Postoperative Significance of Dynamic Ulnar Nerve Dislocation at the Elbow**

Therezia Bokor-Billmann, MD; Ulrich Theodor Hopt, MD; Berward Passlick, MD; Franck G. Billmann, MD, PhD, FACS. *From the Universitätsklinikum Freiburg, Freiburg im Breisgau, Germany*

DISCUSSANT: Moderator

### **Vertebral Body Stapling in Children with Idiopathic Scoliosis <10 Years Old with Curve Magnitude 30-39 Degrees**

Alexander A. Theologis, MD; Patrick Cahill, MD; Mike Auriemma; Randall Betz, MD; Mohammad Diab, MD. *From the University of California-San Francisco*

DISCUSSANT: Moderator

### **Are Nonagenarians Different than Younger Patients Undergoing Hip Fracture Surgery: An Investigation into Mortality and Comorbidities**

Adam J. Graver, MD; Lewis Collins, PA-C; Sara Merwin, MPH; Ariel Goldman, MD. *From the North Shore Long Island Jewish Medical Center, New Hyde Park, NY*

DISCUSSANT: Moderator

SF19 | 2:30 - 5:45 pm

**Alimentary Tract II**

Location: 143BC

TRACK: GEN

MODERATOR: Nicholas J. Zyromski, MD, FACS,  
Indianapolis, IN**Optimal Management of Suspected Choledocolithiasis: An Analysis of 1,000 Patients**Regan J. Berg, MD; Kenji Inaba, MD, FACS; Efsthios Karamanos, MD; Obi T. Okoye, MD; Linda Chan, PhD; Shelby Resnick, MD, FACS; Konstantinos Chouliaras, MD; Rick Selby, MD; Demetrios Demetriades, MD, FACS. *From the University of Southern California, Los Angeles*

DISCUSSANT: Eugene P. Ceppa, MD, Indianapolis, IN

**Exploring the Effect of Nrf2-Keap1 Pathway on Acute Pancreatitis**Lourdes Y. Robles, MD; Shiri Li, MD, PhD; Masuda Yuichi, MD, PhD; Kelly Vo; Ahmed Rami, MD; Bryan Boubion; Nosratola D. Vaziri, MD; Michael J. Stamos, MD, FACS; Hirohito Ichii, MD, PhD. *From the University of California-Irvine, Orange County, CA*

DISCUSSANT: Steven J. Hughes, MD, FACS, Gainesville, FL

**Gamma Delta T cells Regulate Pancreatitis**Constantinos P. Zambirinis, MD; Rocky Barilla; Melvin Ego-Osuala, MD; Reuven Blobstein; Antonina Avanzi; Jonathan Markowitz; Stephanie Greco, MD; Michael Deutsch, MD; Raghavendra S. Rao, MD; George Miller, MD, FACS. *From the New York University School of Medicine, New York*

DISCUSSANT: B. Mark Evers, MD, FACS, Lexington, KY

**Defective mTORC1/4E-BP1 Signaling Contributes to the Age-Associated Reduction of p85 alpha Expression in Pancreatic Acinar Cells**Katherine E. Campbell, MD; Jun Song; Marlene E. Starr, PhD; Hiroshi Saito, PhD; Jing Li, PhD; B. Mark Evers, MD, FACS. *From the Markey Cancer Center, University of Kentucky, Lexington*

DISCUSSANT: Syed A. Ahmad, MD, FACS, Cincinnati, OH

**Identification of Reg1 as a Novel Stellate Cell Activator in Regenerating Pancreas**Marc W. LaFonte, MD; Albert Stanek, MD; Cathy Mueller; Michael E. Zenilman, MD, FACS; Akira Sugawara, MD, PhD; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD, PhD. *From State University of New York Downstate, Brooklyn*

DISCUSSANT: William H. Nealon, MD, FACS, Nashville, TN

**PAP1/Reg3b Dependant MAPK Activation Mediates Pancreatic Regeneration after Partial Pancreatectomy in Mouse**Marc W. LaFonte, MD; Albert Stanek, MD; Cathy Mueller; Sugiyama Gainosuke, MD; Antonio E. Alfonso, MD, FACS; Juan L. Iovanna, MD, PhD; Chongmin Huan, MD, PhD. *From State University of New York-Downstate, Brooklyn*

DISCUSSANT: Christopher L. Wolfgang, MD, FACS, Baltimore, MD

**The Beneficial Impact of Distal Pancreatectomy with Pancreaticogastrostomy on Postoperative Pancreatic Fistula Related Complications**Sohei Satoi, MD; Hiroaki Yanagimoto, MD; Hideyoshi Toyokawa, MD; Tomohisa Yamamoto, MD; Satoshi Hirooka, MD; So Yamaki, MD; Hironori Ryota, MD; Taku Michiura, MD; Kentaro Inoue, MD; A-Hon Kwon, MD. *From the Kansai Medical University, Hirakata, Japan*

DISCUSSANT: Moderator(s)

**Scoring System for the Management of Gallstone Pancreatitis**Jingjing L. Sherman, MD; Emily W. Shi, MD; Jake G. Prigoff; Celia M. Divino, MD, FACS. *From the Icahn School of Medicine at Mount Sinai, New York, NY*

DISCUSSANT: Marshall S. Baker, MD, FACS, Chicago, IL

**Induction of the Nrf2-Antioxidant Mediated Response in Hepatocytes Ameliorates the Development of Non-Alcoholic Steatohepatitis in Mice**Lung-Yi Lee, MD; Jeffery A. Johnson, PhD; David P. Foley, MD, FACS. *From the University of Wisconsin Hospital and Clinics, Madison*

DISCUSSANT: Kevin E. Behrns, MD, FACS, Gainesville, FL

**EGFR Inhibition Effectively Inhibits Liver Fibrosis and Hepatocellular Carcinoma**Danielle K. DePeralta, MD; Bryan C. Fuchs, PhD; Suguru Yamada, MD, PhD; Tsutomu Fujii, MD, PhD; Gregory Y. Lauwers, MD; Michael Lanuti, MD, FACS; Kenneth K. Tanabe, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Clifford S. Cho, MD, FACS, Madison, WI

**Treatment of Early Stage Hepatocellular Cancer by Transplant, Ablation or Resection: A 21-Year Population-Based Analysis**Thuy B. Tran, MD; Vijay Menon, MD; Nicholas N. Nissen, MD, FACS. *From the Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Janak Parikh, MD, Indianapolis, IN

**The Effect of Body Mass Index and Tumor Size on Conversion from Laparoscopic to Open Hepatic Resection**Samuel Luka, MD; Laurel H. Hastings; Richard L. Amdur, PhD; Khashayar Vaziri, MD, FACS; Paul P. Lin, MD, FACS. *From the George Washington University, Washington, DC*

DISCUSSANT: Robert C. G. Martin, MD, PhD, FACS, Louisville, KY

SF20 | 2:30 - 5:45 pm

**Biomarkers and Genetic Determinants of Disease and Outcomes**

Location: 149AB

TRACKS: BTR, ONC

MODERATOR: Gerald S. Lipshutz, MD, FACS, Los Angeles, CA

2013 Excellence in Research Award Recipient:

David A. Kleiman, MD, New York, NY

**Programmed Death-Ligand 1 as a Prognostic Marker in Papillary Thyroid Cancer**

Ryan J. Ellis; Myriem Boufraquech, PhD; Meenu Jain, PhD; Dhaval Patel, MD; Naris Nilubol, MD, FACS;

Mei He, MD; Lisa Zhang, PhD; Electron Kebebew, MD, FACS. *From the National Cancer Institute, Bethesda, MD*

DISCUSSANT: Michael W. Yeh, MD, FACS, *Los Angeles, CA*

#### **Circulating Tumor Cells as a Biomarker of Response to Treatment in Patient Derived Xenograft Mouse Models of Pancreatic Adenocarcinoma**

Robert J. Torphy; Christopher J. Tignanelli, MD; Richard A. Moffitt, PhD; Steven A. Soper, PhD; JenJen Yeh, MD, FACS. *From the University of North Carolina, Chapel Hill*

DISCUSSANT: Thomas J. Fahey, MD, FACS, *New York, NY*

#### **Loss of UCHL1 Expression Is Associated with Local and Distant Metastases of Gastrointestinal Well-Differentiated Neuroendocrine (Carcinoid) Tumors**

David A. Kleiman, MD; Toni Beninato, MD; Michael J. Crowley; Nicole Panarelli, MD; Yi-Fang Liu, MD; Michael D. Lieberman, MD, FACS; Olivier Elemento, PhD; Rasa Zarnegar, MD, FACS; Thomas J. Fahey III, MD, FACS. *From Weill Cornell Medical College, New York, NY*

DISCUSSANT: Jeffrey A. Norton, MD, FACS, *Stanford, CA*

#### **MicroRNAs to Identify Adenocarcinoma and Squamous Cell Carcinoma Histologies of Lung Cancer**

Reema Mallick, MD; Santosh K. Patnaik, MB, BS, PhD; Eric Kannisto; Wiam W. Bshara, MD; Sai Yendamuri, MB, BS, FACS; Samjot S. Dhillon, MB, BS. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Jay M. Lee, MD, FACS, *Los Angeles, CA*

#### **The Role of High-Mobility Group Protein B1 (HMGB1) in Hepatic Ischemia and Reperfusion (I/R) Injury**

Kerry-Ann McDonald, MD; Hai Huang, MD; Timothy R. Billiar, MD, FACS; Allan Tsung, MD, FACS. *From the University of Pittsburgh Medical Center, PA*

DISCUSSANT: Michael A. Zimmerman, MD, FACS, *Aurora, CO*

#### **Next Generation Sequencing to Identify Inherited Mutations in All Breast Cancer Genes in Three Breast Cancer Cohorts**

Greta Bernier, MD; Jessica Mandell; Tomas Walsh, PhD; Silvia Casadei, PhD; Elizabeth Swisher, MD; Mary-Claire King, PhD. *From the University of Washington, Seattle*

DISCUSSANT: Kelly K. Hunt, MD, FACS, *Houston, TX*

#### **Valproic Acid Increases Endothelial Glycocalyx Shedding and Decreases Lesion Size Volume in a Rodent Model of Severe Isolated Traumatic Brain Injury**

Cecilie H. Jepsen, MD; Pär I. Johansson, MD, ScD; Anders Perner, MD, PhD; Martin H. Sillesen, MD; Hasan B. Alam, MD, FACS; Marc A. deMoya, MD, FACS. *From Massachusetts General Hospital, Boston*

DISCUSSANT: Mitchell J. Cohen, MD, FACS, *San Francisco, CA*

#### **Diagnostic Value of Serum Procalcitonin in Detecting Intra-Abdominal Abscess in Patients with Crohn's Disease**

Dong Hu, MD; Jianan Ren, MD, PhD, FACS; Song Liu, MD; Dongsheng Yan, MD; Gefei Wang, MD, PhD; Guosheng Gu, MD, PhD; Jun Chen, MD, PhD. *From the Medical School of Nanjing University, Jinling Hospital, Nanjing, China*

DISCUSSANT: George J. Chang, MD, FACS, *Houston, TX*

#### **Sperm Protein 17, MAGE-C1 and NY-ESO-1 in Hepatocellular Carcinoma: Expression Frequency, Immunolocalization, and Their Correlation with Clinical Parameters**

Qiuyuan Xia, MD; Song Liu, MD; Fangqiu Li, MD, PhD; Wenbin Huang, MD; Lining Shi, MD; Xiaojun Zhou, MD, PhD. *From the Medical School of Nanjing University, China*

DISCUSSANT: Carlos U. Corvera, MD, FACS, *San Francisco, CA*

SF21 | 2:30 - 5:45 pm

#### **Pediatric Surgery II**

Location: 102

TRACK: PED

MODERATOR: Randall S. Burd, MD, FACS, *Washington, DC*

2013 Excellence in Research Award Recipient:

Jesse D Vrecenak, MD, *Philadelphia, PA*

#### **Graft-vs-Host Disease Induced by In Utero Hematopoietic Cell Transplantation—A Preclinical Evaluation of Safety in the Canine Model**

Jesse D. Vrecenak, MD; Erik G. Pearson, MD; Carolyn A. Todorow; Haiying Li; Antoneta Radu; Mark P. Johnson, MD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, PA*

DISCUSSANT: Aimen F. Shaaban, MD, FACS, *Cincinnati, OH*

#### **Role of Prostaglandin E Receptor (Ep1) in Inflammatory Gut Barrier Failure**

Scott S. Short, MD; Michael Zobel; Henri A. Ford; Jin Wang; Stephanie Papillon, MD; Anatoly Grishin, PhD; Henri R. Ford, MD, MHA, FACS. *From Children's Hospital Los Angeles, CA*

DISCUSSANT: Moderator(s)

#### **Corticotropin-Releasing Factor Promotes Necrotizing Enterocolitis in Formula Fed Neonatal Rats**

Robert L. Bell, MD; Aditi Bhargava, PhD; Min Liao, MD; Ginger Withers, PhD; Frans Kuypers, PhD; Wolfgang Stehr, MD, FACS. *From the Children's Hospital Oakland Research Institute, CA*

DISCUSSANT: Randall S. Burd, MD, FACS, *Washington, DC*

#### **Focal Adhesion Kinase (FAK) Plays a Driver Role in Aggressive Pediatric Renal Tumors**

Michael L. Megison, MD; Jerry E. Stewart; Hugh C. Nabers; Dipti Padmalayam, MD; Elizabeth A. Beierle, MD, FACS. *From the University of Alabama-Birmingham*

DISCUSSANT: Anthony D. Sandler, MB, ChB, FACS, *Washington, DC*

**The Role of TRIM21 in Necrotizing Enterocolitis**

Clint D. Cappiello, MD; Zohreh Tatari-Calderone, PhD; Mariam Said, MD; Joseph M. Devaney, PhD; Alana Beres, MD; Stanislav Vukmanovic, MD, PhD; K. Rais-Bahrami, MD; Naomi Luban, MD; Anthony D. Sandler, MD, FACS. *From the Children's National Medical Center, Washington, DC*

DISCUSSANT: Brad W. Warner, MD, FACS, *St. Louis, MO*

**DUSP26 Is a Transcriptional Target of MYCN in Neuroblastoma**

Irene T. Ma, MD; Sanjeev A. Vasudevan, MD; Roma H. Patel; Jianhua Yang, PhD; Jason M. Shohet, MD, PhD; Zaowen Chen; Yihui Fan, MD, PhD. *From the Baylor College of Medicine, Houston, TX*

DISCUSSANT: Elizabeth A. Beierle, MD, FACS, *Birmingham, AL*

**Enteral IAP Reduces Biologically Active LPS and TLR4****Expression in the Rat Model of Necrotizing Enterocolitis**

Nathan P. Heinzerling, MD; David M. Gourlay, MD, FACS, FAAP; Scott R. Welak, MD; Jennifer L. Liedel, MD; Katherine Fredrich; Kirkwood A. Pritchard, PhD; Keith T. Oldham, MD, FACS. *From the Medical College of Wisconsin, Milwaukee*

DISCUSSANT: Michael J. Morowitz, MD, *Pittsburgh, PA*

**A Novel Model of Short Bowel Syndrome in Zebrafish for High Throughput Studies of Intestinal Adaptation**

Daniel E. Levin, MD; Eric R. Torres; Ali Darehzereshki, MD; Ching-Ling Lien, PhD; Tracy C. Grik-scheit, MD, FACS. *From Children's Hospital Los Angeles, CA*

DISCUSSANT: R. Cartland Burns, MD, FACS, *Orlando, FL*

**Experimental NEC Is Associated with Proteobacteria and Decreased Bacterial Species Diversity**

Stephanie Papillon, MD; Brandon Bell; Jin Wang; Anatoly Grishin, PhD; Henri R. Ford, MD, MHA, FACS. *From Children's Hospital Los Angeles, CA*

DISCUSSANT: Cynthia A. Gingalewski, MD, FACS, *Washington, DC*

**Impaired Endothelial Cell Nitric Oxide Signaling in an Ovine Model of Congenital Diaphragmatic Hernia**

Shannon N. Acker, MD; Gregory J. Seedorf; Jason Gien, MD; Eva Nozik-Grayck, MD; David A. Partrick, MD; Steven H. Abman, MD. *From the University of Colorado School of Medicine, Aurora*

DISCUSSANT: Evan P. Nadler, MD, FACS, *Washington, DC*

**Neonatal Induced Pluripotent Stem Cells as a Source for Engineering Transplantable Patient-Specific Lung Tissue**

Eric D. Girard, MD; Stephanie Vadasz, PhD; Todd Jensen; Camilo Moncada, PhD; Fan Zhang; Alex E. Blanchette; Christine M. Finck, MD, FACS. *From the University of Connecticut, Farmington*

DISCUSSANT: Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

**SF22 | 4:15 - 5:45 pm**

**Urology and Reproductive Surgery II (Robotics)**

*Location: 151A*

TRACK: URO

MODERATOR: Michael E. Woods, MD, FACS, *Chapel Hill, NC*

CO-MODERATOR: Stephen B. Riggs, MD, *Charlotte, NC*

**Robotic Sacrocolpexy with Uterus Preservation: Surgical Technique and Early Results for Trans-Broad Ligament Anterior and Posterior Fixation**

Elliot K. Blau; Christopher J. Martin, MD; James E. Pilkington; Zach A. Folzenlogen, MD; Robert I. Carey, MD, PhD; FACS. *From the Florida State University College of Medicine, Regional Campus, Sarasota*

DISCUSSANT: Costas D. Lallas, MD, FACS, *Philadelphia, PA*

**Differences in Complications and Associated Risk Factors in Open vs. Laparoscopic Partial Nephrectomy**

Will Kirby, MD; David C. Johnson, MD, MPH; Jed E. Ferguson, MD, PhD; Jonathan Matthews, MPH; Angela Smith, MD; Matthew E. Nielsen, MD, FACS; Michael E. Woods, MD, FACS; Raj S. Pruthi, MD, FACS; Eric M. Wallen, MD, FACS. *From the University of North Carolina, Chapel Hill*

DISCUSSANT: Costas D. Lallas, MD, FACS, *Philadelphia, PA*

**Opioid-Free Analgesia Following Robot-Assisted Laparoscopic Prostatectomy (RALP)**

Carson Wong, MD, FACS; Xiao Gu, MD, PhD; Motoo Araki, MD, PhD; Chirag Shah, MD; Sara Heider, BSc(Hons); Susan Raphaely, MD. *From SouthWest Urology, LLC, Middleburg Heights, OH*

DISCUSSANT: Matthew E. Nielsen, MD, *Chapel Hill, NC*

**Comparison of Early Renal Function Outcomes for Partial Nephrectomy, Radiofrequency Ablation and Radical Nephrectomy for Solid Enhancing Renal Masses Greater Than 3 cm**

James E. Pilkington; Christopher J. Martin, MD; Marco Ferrara, MD; Elliot K. Blau; Mark J. Murnane; Gerard Curtis, MD; Robert I. Carey, MD, PhD, FACS. *From the Florida State University College of Medicine, Sarasota*

DISCUSSANT: Daniel J. Canter, MD, *Atlanta, GA*

**Pediatric Robotic-Assisted Surgery in the U.S.**

Justin Lee, MD; Kevin P. Moriarty, MD, FACS. *From the Primary Children's Medical Center, Salt Lake City, UT, and Baystate Children's Hospital, Springfield, MA*

DISCUSSANT: Matthew E. Nielsen, MD, *Chapel Hill, NC*

**Wednesday, October 9**

**SF23 | 8:00 - 11:15 am**

**Alimentary Tract III**

*Location: 143BC*

TRACK: GEN

MODERATOR: Kevork Kazanjian, MD, FACS, *Loma Linda, CA*

**Optical Coherence Tomography: A Non-Invasive Diagnostic Tool for Patients with AIN**

Janet T. Lee, MD; Robert D. Madoff, MD, FACS, FASCRS; Mary R. Kwaan, MD, FACS, MPH; Genevieve B. Melton, MD, FACS, FASCRS; James W. Ogilvie, MD. *From the University of Minnesota, Minneapolis*

DISCUSSANT: Kevork Kazanjian, MD, FACS, *Loma Linda, CA*

### Insurance Impacts Readmission and Costs for Colorectal Surgery

Zeling Chau, MD; Nikki Burish; Thomas Curran, MD; Elan R. Witkowski, MD; Sing Chau Ng; Jennifer F. Tseng, MD, FACS. *From the University of Massachusetts, Worcester, MA and Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA*

DISCUSSANT: Tracy L. Hull, MD, FACS, *Cleveland, OH*

### Predictive Risk Factors for Conversion of Laparoscopic to Open Colon and Rectal Surgery

Hossein Masoomi, MD; Steven Mills, MD, FACS, FASCRS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS. *From the University of California-Irvine, Orange County*

DISCUSSANT: Kevork Kazanjian, MD, FACS, *Loma Linda, CA*

### Ureteral Injury after Laparoscopic vs. Open Colectomy: An Analysis of the American College of Surgeons National Surgical Quality Improvement Program

Syed N. Zafar, MD, MPH; Chiledum A. Ahaghotu, MD, FACS; Danier Moore, MD; Gezzar Ortega, MD, MPH; Mark D. Williams; Pamela W. Coleman, MD, FACS; Edward E. Cornwell III, MD, FACS; Daniel D. Tran, MD, FACS; Terrence M. Fullum, MD, FACS. *From Howard University Hospital, Washington, DC*

DISCUSSANT: Jennifer F. Tseng, MD, MPH, FACS, *Boston, MA*

### Perioperative Expression of Neuropeptides Correlates with IBD pathology and Medical Therapy

Vitaliy Y. Poylin, MD, FACS; Natasha Resendes; Robert M. Najarian, MD; Deborah A. Nagle, MD, FACS, FASCRS; Leena Pradhan-Nabzdyk, PhD. *From the Beth Israel Deaconess Medical Center, Boston, MA*

DISCUSSANT: Kevork Kazanjian, MD, FACS, *Loma Linda, CA*

### What Are the Risk Factors That Predict Recurrent Clostridium Difficile Infections In Surgical Patients?

Craig A. Messick, MD; Tracy L. Hull, MD, FACS; Jeffery P. Hammel, PhD; Elena Manilich, PhD. *From the Cleveland Clinic, OH*

DISCUSSANT: Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*

### CT to OR in Less Than Three Hours May Become New Standard in Minimizing Complications from Appendicitis

Laura Harmon, MD; Lisa Chapa, MD; Daniel Jupiter, PhD; Matthew Davis, MD; Richard Frazee, MD; Randall Smith, MD; Justin Regner, MD. *From Scott and White Memorial Hospital, Temple, TX*

DISCUSSANT: Meagan M. Costedio, MD, *Cleveland, OH*

### A Multicenter Prospective Observational Cohort Study of Permanent Synthetic Mesh vs. Biologic Mesh Reinforcement for Open Ventral Hernia Repair in Clean-Contaminated and Contaminated Surgical Sites

Jaime A. Cavallo, MD, MPH; Cory N. Criss, MD; Benjamin K. Poulouse, MD, MPH, FACS; Brent D. Matthews, MD, FACS; William S. Cobb IV, MD, FACS; Alfredo M. Carbonell II, DO, FACS; Yuri W. Novitsky, MD; Michael J. Rosen, MD, FACS. *From the Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: B. Todd Heniford, MD, FACS, *Charlotte, NC*

### The Impact of Mesh Position on Open Umbilical Hernia Repair Outcomes: A Comparison of Preperitoneal and Intraperitoneal Placement in a Prospective Multicenter Study

Blair A. Wormer, MD; Dimitrios Stefanidis, MD, PhD, FACS; Kris B. Williams, MD; Joel F. Bradley III, MD; Vedra A. Augenstein, MD; B. Todd Heniford, MD, FACS. *From the Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Terence M. Fullum, MD, FACS, *Washington, DC*

### Local vs. General Anesthesia in Open Umbilical Hernia Repair (UHR): Results from a Prospective, International Study

Blair A. Wormer, MD; Joel F. Bradley III, MD; Kristopher B. Williams, MD; Vedra A. Augenstein, MD; Amanda Walters; Amy E. Lincourt, PhD; B. Todd Heniford MD, FACS. *From the Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Michael J. Rosen, MD, FACS, *Solon, OH*

### Valproic Acid (VPA), a Histone Deacetylase Inhibitor that Reduces Intra-Abdominal Adhesions Modulates Peritoneal Plasma Extravasation and Genes that Regulate Fibrin Deposition and Stability

Matthew T. Brady, MD. *From the Boston University School of Medicine, MA*

DISCUSSANT: Vitaliy Y. Poylin, MD, FACS, *Boston, MA*

### Risk Factors and Incidence of Clostridium Difficile Infection after Colorectal Surgery

Craig A. Messick, MD; Elena Manilich, PhD; Chao Sun, MD, PhD; Jeffery P. Hammel; Meagan M. Costedio, MD. *From the Cleveland Clinic, OH*

DISCUSSANT: Mary R. Kwaan, MD, MPH, FACS, *Minneapolis, MN*

SF24 | 8:00 - 11:15 am

### Critical Care II: The Clinical Biology of Trauma

Location: 151A

TRACKS: GEN, TRA

CO-MODERATOR: Sandro B. Rizoli, MD, FACS, *Toronto, ON*

CO-MODERATOR: Heather L. Evans, MD, FACS, *Seattle, WA*

### Safety and Efficacy of Tranexamic Acid in Trauma Patients at High-Risk for Venous Thromboembolism

Robert M. Van Haren, MD; Evan J. Valle, MD; Alexander M. Busko; Gerardo A. Guarch, MD; Jassin A. Jouria, MD; Nicholas Namias, MD, FACS; Alan S. Livingstone, MD, FACS; Kenneth G. Proctor, PhD. *From the University of Miami Miller School of Medicine, FL*

DISCUSSANT: Joseph Cuschieri, MD, FACS, *Seattle, WA*

### Functional Fibrinogen in Coagulopathy, Transfusion, and Mortality after Injury

Lucy Z. Kornblith, MD; Matthew E. Kutcher, MD; Brittney J. Redick; Ryan F. Vilardi; Mary F. Nelson, RN; Mitchell J. Cohen, MD, FACS. *From the University of California-San Francisco, San Francisco General Hospital, CA*

DISCUSSANT: Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

### Thrombelastography Velocity Curve Values More Accurately Predict Clinically Significant Fibrinolysis

Matthew J. Pommerening, MD; Michael D. Goodman, MD; Danny L. Farley; Jessica C. Cardenas, PhD; Jeanette M. Podbielski, RN; Nena Matijevic, PhD; Charles E. Wade, PhD; John B. Holcomb, MD, FACS; Bryan A. Cotton, MD, MPH, FACS. *From the University of Texas at Houston Medical School, Houston, TX*  
DISCUSSANT: Martin A. Schreiber, MD, FACS, *Portland, OR*

### Normalization of Coagulation After TBI: When to Initiate DVT Prophylaxis

Cassandra A. Ligh; Fangfang Xing; Lucy Z. Kornblith, MD; Brittney J. Redick; Mary Nelson, RN; Tomoo Inoue, MD, PhD; Geoffrey T. Manley, MD, PhD, FACS; Mitchell J. Cohen, MD, FACS. *From the University of California-San Francisco and San Francisco General Hospital, CA*  
DISCUSSANT: Gustavo P. Fraga, MD, FACS, *Campiras, Brazil*

### Fresh Frozen Plasma Resuscitation Attenuates Platelet Dysfunction and Endothelial Activation in a Large Animal Model of Poly-Trauma

Martin H. Sillesen, MD; Pär I. Johansson, MD, ScD; Lars S. Rasmussen, MD, PhD; Guang Jin, MD, PhD; Ayesha Imam, MD; John O. Hwabejire, MD, MPH; Cecilie H. Jepsen, MD; George Velmahos, MD, PhD, FACS; Marc A. deMoya, MD, FACS; Hasan B. Alam, MD, FACS. *From Massachusetts General Hospital, Boston*  
DISCUSSANT: Sandro B. Rizoli, MD, FACS, *Toronto, ON*

### Valproic Acid Attenuates Platelet Dysfunction, Endothelial Glycocalyx Shedding and Protein C Activation in a Porcine Model of Traumatic Brain Injury and Shock

Martin Sillesen, MD; Pär I. Johansson, MD, ScD; Lars S. Rasmussen, MD, PhD; Guang Jin, MD, PhD; Cecilie H. Jepsen, MD; Ayesha Imam, MD; John O. Hwabejire, MD, MPH; George Velmahos, MD, PhD, FACS; Marc A. deMoya, MD, FACS; Hasan B. Alam, MD, FACS. *From Massachusetts General Hospital, Boston*  
DISCUSSANT: Mitchell J. Cohen, MD, FACS, *San Francisco, CA*

### Obese Patients Are at Increased Risk for Venous Thromboembolism in Trauma

David A. Hampton, MD; Belinda H. McCully, PhD; Tim H. Lee, MD; Matthew E. Kutcher, MD; Brittany J. Redick; Jeanette M. Podbielski; Timothy Welch; Mitchell J. Cohen, MD, FACS; Bryan A. Cotton, MD, FACS; Martin A. Schreiber, MD, FACS. *From Oregon Health & Science University, Portland*  
DISCUSSANT: Babak Sarani, MD, FACS, *Washington, DC*

### Pupillometry in Trauma: Reducing Variability Associated with Subjective Assessment

David M. Pechman; Punam Parikh; Kaivalya Vyas; Eric L. Maranda; Fahim A. Habib, MD, FACS. *From the University of Miami Miller School of Medicine, FL*  
DISCUSSANT: Addison K. May, MD, FACS, *Nashville, TN*

### HVEM Expression in Critically Ill Trauma Patients

Maude L. Kettenmann, MD; Daithi S. Heffernan, MD, AFRCSI; Sean F. Monaghan, MD; Nicholas J. Shubin, PhD; Alfred A. Ayala, PhD; William G. Cioffi, Jr., MD, FACS; Lydea R. Irwin, BS. *From Brown University/Rhode Island Hospital, Providence*

DISCUSSANT: Robert G. Sawyer, MD, FACS, *Charlottesville, VA*

### Prestorage Leukoreduction of Aged Blood Reduces TGFβ-1 and Bone Marrow Hematopoietic Suppression

Kimberly J. Song, MD; Walter D. Alzate; Kolenkode B. Kannan, PhD; Alicia M. Mohr, MD, FACS; David H. Livingston, MD, FACS; Ziad C. Sifri, MD, FACS. *From the University of Medicine and Dentistry, New Jersey - New Jersey Medical School, Newark*  
DISCUSSANT: David Heffernan, MD, *Providence, RI*

### Use of Propofol as an Induction Agent in Acutely Injured Patients

Sara L. Zettervall, MD; Cyrus Golshani; Richard L. Amdur, PhD; James Dunne, MD, FACS; Seth Akst, MD; Carrie Valdez, MD; Babak Sarani, MD, FACS. *From George Washington University, Washington, DC*  
DISCUSSANT: Heather L. Evans, MD, FACS, *Seattle, WA*

SF25 | 8:00 - 11:15 am

### Progenitor Cells and Cell-Based Therapies

Location: 143A

TRACK: BTR

CO-MODERATOR: Justin M. Sacks, MD, FACS, *Washington, DC*  
CO-MODERATOR: Alex K. Wong, MD, FACS, *Los Angeles, CA*

### Migration of Blood-Borne Regenerative Cells During Post-Pneumonectomy Compensatory Lung Growth

Barry Gibney, DO; Kenji Chamoto, PhD; Grace Lee, MD; Maximilian Ackermann, MD; Akira Tsuda, PhD; Moritz Konerding, MD; Steven J. Mentzer, MD, FACS. *From Penn State, Hershey*  
DISCUSSANT: Damon S. Cooney, MD, *Baltimore, MD*

### Fabrication of Cellular Tissue Constructs from Autogenous Tissue

Karina A. Hernandez, DO; Alyssa J. Reiffel, MD; Rachel Campbell, MD; Kadria N. Derrick, MD; Alejandro Pino; Remco Bleeker, MD; Alice Harper; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*  
DISCUSSANT: Ian L. Valerio, MD, *Bethesda, MD*

### Cell Surface Marker Profiling of Human Adipose Derived Stem Cells Using Single Cell Transcriptional Analysis Identifies Heterogeneous Subpopulations

Michael Sorkin; Robert C. Rennert; Michael Januszyk, MD; Jason P. Glotzbach, MD; Michael T. Chung; Michael T. Longaker, MD, FACS; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, CA*  
DISCUSSANT: Alex K. Wong, MD, FACS, *Los Angeles, CA*

### Human Adipose Derive Mesenchymal Stem Cells Attenuate Liver Ischemia-Reperfusion Injury and Promote Liver Regeneration

Reza F. Saidi, MD, FACS, FICS; B. Rajeshkumar; O. Walter; A. Shahanaghi; A. Shariftabrizi; K. Dresser; A. Bozorgzadeh, MD, FACS. *From the University of Massachusetts Medical School, Worcester*  
DISCUSSANT: Gerald Brandacher, MD, *Pittsburgh, PA*

### Human Amniotic Fluid-Derived Induced Pluripotent Stem Cells Can Differentiate Into Beating Ventricular Cardiomyocytes

Shaun M. Kunisaki, MD; Guihua Jiang; Julie Di Bernardo, PhD; Andre Monteiro da Rocha, PhD; Luis



G. Villa-Diaz, PhD, DVM; Paul H. Krebsbach, PhD; K. Sue O'Shea, PhD; Shaun M. Kunisaki, MD. *From the University of Michigan, Ann Arbor*  
 DISCUSSANT: Damon S. Cooney, MD, Baltimore, MD

**Donor Antigen Presenting Cell Depletion Induces a Consistent Model of Graft vs. Host Disease Following In Utero Hematopoietic Cell Transplantation**

Erik G. Pearson, MD; Jesse V. Vrecenak, MD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, PA*  
 DISCUSSANT: Gerald Brandacher, MD, Pittsburgh, PA

**Intravenous Multipotent Adult Progenitor Cell (MAPC) Therapy as a Novel Treatment in Traumatic Brain Injury (TBI): Modulation of the Inflammatory Response**

Robert A. Hetz, MD; Supinder Bedi, PhD; Chelsea Thomas; Daniel Kota, PhD; Scott Olson, PhD; Stephen Williams; Philippa Smith; Jason Hamilton, PhD; Robert Mays, PhD; Charles S. Cox, Jr., MD, FACS. *From the University of Texas Health, Houston*  
 DISCUSSANT: Justin M. Sacks, MD, FACS, Washington, DC

**Engraftment after In Utero Hematopoietic Cell Transplantation Is Increased by Increasing the Hematopoietic Stem Cell Content While Maintaining Accessory Cells in the Donor Graft**

Jesse D. Vrecenak, MD; Emily A. Partridge, MD, PhD; Erik G. Pearson, MD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, PA*  
 DISCUSSANT: Alex K. Wong, MD, FACS, Los Angeles, CA

**Long-Term Production of Human Factor IX Protein in the Breast Milk of Non-Transgenic Mice via Early Gestational Intra-Amniotic Gene Transfer**

Jesse D. Vrecenak, MD; Miroslaw Kozlowski, PhD; Carlyn A. Todorow; Antoneta Radu; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, PA*  
 DISCUSSANT: Justin M. Sacks, MD, FACS, Washington, DC

**Not All Stem Cells Are Created Equal: A Comparative Analysis of Osteogenic Potential in Compact Bone and Adipose Derived Mesenchymal Stem Cells**

Joseph S. Fernandez-Moure, MD; Jeffrey Van Eps, MD; Bradley K. Weiner, MD; Pranela Rameshwar, PhD; Ennio Tasciotti, PhD; Barbara L. Bass, MD, FACS. *From the Methodist Hospital Research Institute, Houston, TX*  
 DISCUSSANT: Ian L. Valerio, MD, Bethesda, MD

SF26 | 8:00 - 11:15 am

**Surgical Education I**

Location: 102

TRACK: EDU

MODERATOR: Robert R. Nesbit, MD, FACS, Augusta, GA

2013 Excellence in Research Award Recipient:  
 Nicolas J. Dedy, MD, Toronto, Ontario, Canada

**Non-Technical Skills of Surgery Residents: Does Experiential Learning Lead to Competence?**

Nicolas J. Dedy, MD; Boris Zevin, MD; Esther M. Bonrath, MD; Teodor P. Grantcharov, MD, PhD,

FACS. *From St. Michael's Hospital Toronto, Ontario, Canada*

DISCUSSANT: David S. Lind, MD, FACS, Philadelphia, PA

**Belonging: A Simple, Brief Intervention Decreases Burnout**

Arghavan Salles, MD; Kiruthiga Nandagopal, PhD; Greg Walton, PhD. *From Stanford Hospital and Clinics, Menlo Park, CA*

DISCUSSANT: Jeannie F. Savas, MD, FACS, Richmond, VA

**Predictive Value of General Surgery Application Data for Future Resident Performance**

Erynne A. Faucett, MD; Albert Amini, MD; Asad E. Patanwala; Lucia Arenzana Lopez; Jamie Harris, MD; Diane M. Poskus; William J. Adamas-Rappaport, MD; Evan S. Ong, MD, FACS; Amy L. Waer, MD, FACS. *From the University of Arizona, Phoenix*  
 DISCUSSANT: John L. Tarpley, MD, FACS, FWACS, Nashville, TN

**Impact of a Third-Year Surgical Apprenticeship Model: Perceptions and Attitudes Compared to the Traditional Medical Student Clerkship Experience**

Chris M. Reid, MD; Dennis Y. Kim, MD; Jess Mandel, MD; Alan Smith; Mark A. Talamini, MD, FACS; Vishal Bansal, MD, FACS. *From the University of California, San Diego Medical Center*  
 DISCUSSANT: James J. Wynn, MD, FACS, Augusta, GA

**The Influence of Dedicated Research Time During General Surgery Residency on ABSITE and Board Exam Performance**

Jeffrey S. Carson, MD; Elizabeth A. Johnston, MD; Lynette M. Smith; P.J. Schenarts, MD, FACS; Sean J. Langenfeld, MD; Kenneth S. Azarow, MD, FACS; David W. Mercer, MD, FACS; Jon S. Thompson, MD, FACS; Chandrakanth Are, MD, FRCSI, FACS. *From the University of Nebraska Medical Center, Omaha*  
 DISCUSSANT: Ranjan Sudan, MD, FACS, Durham, NC

**Effect of Deliberate Practice on Learning and Surgical Performance: A Randomized Control Trial**

Daniel A. Hashimoto; Pramudith Sirimanna, MB; Ernest D. Gomez; Laura Beyer-Berjot, MD; K. Anders Ericsson, PhD; Noel N. Williams, MB, BCh, FRCSI; Ara W. Darzi, MB BCh, FACS(Hon), FRCS; Rajesh Aggarwal, MD, PhD, FRCS. *From the University of Pennsylvania, Philadelphia*  
 DISCUSSANT: Steven B. Goldin, MD, PhD, FACS, Tampa, FL

**Improving the Quality and Content of the Surgical Handoff: An Innovative Method**

Anjali A. Gresens, MD; Rebecca C. Britt, MD, FACS; Brittany L. Anderson-Montoya; Dana E. Ramirez, MD; Mark Scerbo, PhD. *From the Eastern Virginia Medical School, Norfolk*  
 DISCUSSANT: Rebecca Evangelista, MD, FACS, Falls Church, VA

**Development and Validation of a Comprehensive Simulation-Enhanced Training Curriculum in Bariatric Surgery**

Boris Zevin, MD; Nicolas J. Dedy, MD; Esther M. Bonrath, MD; Teodor P. Grantcharov, MD, PhD, FACS. *From the University of Toronto, Ontario, Canada*  
 DISCUSSANT: James G. Bittner IV, MD, Augusta, GA

### Defining Quality in Surgical Training: Perceptions of the Profession

Pritam Singh, MB, BS, MRCS; Rajesh Aggarwal, MB, BS, PhD, FRCS; Philip H. Pucher, BSc(Hons), MD, MRCS; Alexandra L. Duisberg, BSc(Hons); Sonal Arora, MB, BS, PhD, MRCS; Ara W. Darzi, MB BCh, FACS(Hon), FRCS. *From the Imperial College London, United Kingdom*

DISCUSSANT: John D. Mellinger, MD, FACS, *Springfield, IL*

### Leadership in the Operating Room: Resident Preference of Attending Style

Nicole A. Kissane-Lee, MD; Charles N. Pozner, MD; Steven Yule, PhD; Douglas S. Smink, MD, MPH, FACS. *From the Neil and Elise Wallace STRATUS Center for Medical Stimulation, Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Stephen C. Yang, FACS, *Baltimore, MD*

### The Impact of Foley Catheter Placement by Medical Students on Rates of Postoperative Urinary Tract Infection

Jin He, MD, PhD; Arman Kilic, MD; Kevin Soares, MD; Brenessa Lindeman, MD; Elizabeth C. Wick, MD, FACS. *From the Johns Hopkins Medical Institutions, Baltimore, MD*

DISCUSSANT: E. James Kruse, DO, FACS, *Augusta, GA*

### SF27 | 2:30 - 5:45 pm Cardiothoracic Surgery II

Location: 151A

TRACK: CTS

CO-MODERATOR: Edward P. Chen, MD, FACS, *Atlanta, GA*

CO-MODERATOR: Seth D. Force, MD, FACS, *Atlanta, GA*

### Anti-Hypertensive Strategies in the Management of Aortic Disease

Scott L. Maddalo; Alison Ward, MD; Vittoria Flamini, PhD; Boyce Griffith, PhD; Patricia Ursomanno, PhD, RN, NP; Abe DeAnda, MD, FACS. *From the New York University School of Medicine, New York*

DISCUSSANT: Bradley G. Leshnower, MD, *Atlanta, GA*

### Minimally Invasive Esophagectomy (MIE) Is Feasible in Patients Who Underwent Induction Chemoradiation

Rona Spector, MD; Abraham Lebenthal, MD; Jon O. Wee, MD, FACS; Yifan Zheng, MD; Peter C. Enzinger, MD; Harvey Mamon, MD, PhD; Steven J. Mentzer, MD, FACS; David E. Marchosky, MD; Michael T. Jaklitsch, MD, FACS; Raphael Bueno, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Traves D. Crabtree, MD, FACS, *St. Louis, MO*

### Alcohol Reduces Postoperative Pericardial Adhesion Formation in Swine

Nassrene Y. Elmadhun, MD; Anthonio D. Lassaletta, MD; Ashraf A. Sabe, MD; Frank W. Sellke, MD, FACS. *From the Beth Israel Deaconess Medical Center, Boston, MA*

DISCUSSANT: Robert S. Farivar, MD, *Philadelphia, PA*

### Cigarette Smoke Modulates Glucose Utilization in Human Lung Cancer Cells

Trevor C. Upham, MD; Mahadev Rao, PhD; Scott M. Atay, MD; M. Minhaj Siddiqui, MD; Young K. Hong, MD; Manish T. Raiji, MD; Julie A. Hong; Mary R.

Zhang; W. Martson Linehan, MD; David S. Schrump, MD, FACS. *From the National Cancer Institute, Bethesda, MD*

DISCUSSANT: Michael Lanuti, MD, FACS, *Boston, MA*

### Hybrid Esophagectomy as a Strategy for Transition to Minimally Invasive Esophagectomy

Yifan Zheng, MD; Jon O. Wee, MD, FACS; Abraham Lebenthal, MD; Michael T. Jaklitsch, MD, FACS; Scott J. Swanson, MD, FACS; David E. Marchosky, MD; Rona Spector, MD; Steven J. Mentzer, MD, FACS; David J. Sugarbaker, MD, FACS; Raphael Bueno, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Stephen C. Yang, MD, FACS, *Baltimore, MD*

### An Ovine Model of Chronic Functional Ischemic Mitral Regurgitation by Percutaneous Coronary Angioembolization

Michael H. Kwon, MD; John M. Connell, MD; Marisa Cevalasco, MD, MPH; Andrea H. Worthington; Rita G. Laurence; John A. Fox, MD; Frederick G. Welt, MD; Frederick Y. Chen, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

### Predictive Value of 3-D Volumetric Estimation of Pulmonary Contusion in Blunt Thoracic Trauma Patients

Raja R. Gopaldas, MD, FACS; Ravand Khazai; Ezekiel Tarrant; Muthusamy Chinnappu, BSc(Hons), MB, BS, MD; Bin Ge, MD; Jeffrey P. Coughenour, MD, FACS. *From the University of Missouri-Columbia*

DISCUSSANT: Sandra L. Starnes, MD, FACS, *Cincinnati, OH*

### How Dependent Loops Along Thoracostomy Drainage Tubes Impede Drainage: An Ex Vivo Model and Clinical Trial

Maurice M. Garcia, MD; Thomas Bullock; Eric Vittinghoff, PhD; Arthur C. Hill, MD, FACS. *From the University of California-San Francisco*

DISCUSSANT: M. Blair Marshall, MD, FACS, *Washington, DC*

### Novel Video-Assisted Thoracoscopic Surgery (VATS) Metastatectomy Technique Equivalent to Open Thoracotomy for Identification of Numerous and Small Lesions

Joseph A. Reza, MD; Matthew Hudnall; Amanda Sammann, MD, MPH; David M. Jablons, MD, FACS; Michael J. Mann, MD, FACS. *From the University of California-San Francisco*

DISCUSSANT: Felix G. Fernandez, MD, FACS, *Decatur, GA*

### Univariate Analysis of Co-Morbidities as Contributors of Acute Kidney Injury in Postoperative Cardiac Surgery Patients

Amrita S. Pandit, MD; Eugene D. Fernandes, MD; Cary S. Passik, MD, FACS. *From Danbury Hospital, CT*

DISCUSSANT: Vinod H. Thourani, MD, FACS, *Atlanta, GA*

### SF28 | 2:30 - 5:45 pm Plastic and Maxillofacial Surgery II

Location: 102

TRACK: PL

CO-MODERATOR: Jason A. Spector, MD, FACS, *New York, NY*  
 CO-MODERATOR: Samuel Jui-Wen Lin, MD, FACS, *Boston, MA*

### Results of a Prospective Randomized Clinical Trial Assessing Postoperative Antibiotic Use in Immediate Breast Reconstruction

Brett T. Phillips, MD; Mitchell S. Fourman; Alexander B. Dagum, MD, FACS; Tara L. Huston, MD; Jason C. Ganz, MD; Sami U. Khan, MD, FACS; Duc T. Bui, MD. *From Stony Brook University Medical Center, NY*  
 DISCUSSANT: Gedge Rosson, MD, *Baltimore, MD*

### The Role of Mast Cells in the Breast Peri-Prosthetic Capsule

Stephanie Milliaris, MD; Jacqueline Brazin; Kadria N. Derrick, MD; David Otterburn, MD; Babak J. Mehrara, MD, FACS; Randi B. Silver, PhD; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*  
 DISCUSSANT: Devinder P. Singh, MD, *Baltimore, MD*

### Morphomic Analysis Aids Pre-Operative Donor Site Risk Assessment of Breast Cancer Patients Undergoing Deep Inferior Epigastric Perforator Flap Breast Reconstruction

Jacob R. Rinkinen; Benjamin Levi, MD; Matthew Benedict; David Hiltzik; Isaac Stein; Jeffrey Lisiecki; Lu Wang, PhD; Jeffrey Kozlow, MD; Stewart C. Wang, MD, PhD, FACS; Adeyiza O. Momoh, MD. *From the University of Michigan, Ann Arbor*  
 DISCUSSANT: Duc T. Bui, MD, *Stony Brook, NY*

### Building a Clinical Risk Model to Predict Morbidity after Breast Surgery

Karim A. Sarhane, MD; José M. Flores, MPH; Francis M. Abreu; Zuhair Ibrahim, MD; Mohammed Alrakan, MD; Carisa M. Cooney, MPH; Pablo Baltodano, MD; Carolyn Drogt; Gerald Brandacher, MD; Gedge D. Rosson, MD. *From the Johns Hopkins University, Baltimore, MD*  
 DISCUSSANT: Adeyiza O. Momoh, MD, *Houston, TX*

### Impact of Obesity in Microsurgical Breast Reconstruction: Flap and Donor Site Complications

Jason R. Cacioppo, MD; Adam C. Cohen, MD, FACS; Elaina Chen, MD; Cristiane M. Ueno, MD. *From Indiana University, Indianapolis*  
 DISCUSSANT: Jason R. Cacioppo, MD, *Indianapolis, IN*

### The Expanded Inframammary Fold Triangle: Improved Results in Large Volume Breast Reductions

Kashyap K. Tadisina; Karan Chopra, MD; Devinder P. Singh, MD. *From the University of Illinois, Chicago*  
 DISCUSSANT: Gedge D. Rosson, MD, *Baltimore, MD*

### Reconstruction of Sternal Wounds with and without Rigid Plate Fixation

Angelo B. Lipira, MD; Austin G. Hayes, MD; David W. Mathes, MD, FACS; Hakim K. Said, MD, FACS; Otway Louie, MD; Peter C. Neligan, MD, FACS; Shannon M. Colohan, MD. *From the University of Washington, Seattle*  
 DISCUSSANT: Adeyiza O. Momoh, MD, *Houston, TX*

### Matracell™ Processed, Sterilized Acellular Dermal Matrix in Implant-Based Breast Reconstruction: Clinical and Histologic Outcomes

Kassandra Hanna, MD; Deborah Yu, MD; Robin LeGallo, MD; David Colen; David B. Drake, MD,

FACS. *From the University of Virginia Health System, Charlottesville*

DISCUSSANT: Devinder P. Singh, MD, *Baltimore, MD*

SF29 | 2:30 - 5:45 pm

### Quality, Outcomes, and Costs III

Location: 143BC

TRACKS: EDU, HP

MODERATOR: Samuel R. G. Finlayson, MD, MPH, FACS, *Boston, MA*

### Factors Influencing Incidence and Type of Post-Mastectomy Breast Reconstruction in an Urban Multidisciplinary Cancer Center

Mazen E. Iskandar, MD; Erez Dayan, MD; Joseph H. Dayan, MD; David Lucido, PhD; William Samson, MD, FACS; Mark Sultan, MD; Susan K. Boolbol, MD, FACS; Mark L. Smith, MD, FACS. *From Beth Israel Medical Center, New York, NY*

DISCUSSANT: Leigh A. Neumayer, MD, FACS, *Salt Lake City, UT*

### An Evil Backstage Manipulator: How Personality Traits Affect the Quality of Life and Clinical Outcome Evaluation in Patients with Crohn's Disease

Song Liu, MD; Jianan Ren, MD, PhD, FACS; Zhiwu Hong, MD; Xiaoting Li, RN; Min Yao, MD, MPH; Dongsheng Yan, MD; Huajian Ren, MD; Gefei Wang, MD, PhD; Guosheng Gu, MD, PhD; Qiuyuan Xia, MD. *From the Medical School of Nanjing University, China*

DISCUSSANT: Madhulika G. Varma, MD, FACS, *San Francisco, CA*

### Can the Complexity of Hepatectomy Be Captured Better? Impact of Secondary CPT Codes on Outcomes and Hospital Quality Rankings

Jennifer Paruch, MD; Ryan P. Merkow, MD; Karl Y. Bilimoria, MD, FACS; Mark E. Cohen, PhD; David J. Bentrem, MD, FACS; Mitchell C. Posner, MD, FACS; Clifford Y. Ko, MD, MSHS, FACS; Sharon M. Weber, MD, FACS. *From the American College of Surgeons, Chicago, IL*  
 DISCUSSANT: Dorry L. Segev, MD, FACS, *Baltimore, MD*

### Using a Hybrid ACS NSQIP®-Claims Dataset to Study Long-Term Outcomes

Anne M. Stey, MD; Rachel Louie; Elise Lawson, MD; Marcia M. Russell, MD; David Zingmond, MD, PhD; Bruce L. Hall, MD, PhD, FACS; Clifford Y. Ko, MD, MSHS, FACS. *From the University of California-Los Angeles*

DISCUSSANT: Michael J. Rosen, MD, FACS, *Solon, OH*

### Prospective Evaluation of Surgeon Physical Exam for Detection of Incisional Hernia

Rebecca B. Baucom, MD; William C. Beck, MD; Michael D. Holzman, MD, MPH, FACS; Kenneth W. Sharp, MD, FACS; William H. Nealon, MD, FACS; Benjamin K. Poulouse, MD, MPH, FACS. *From Vanderbilt University Medical Center, Nashville, TN*  
 DISCUSSANT: Jonathan F. Finks, MD, FACS, *Ann Arbor, MI*

### Procedures Codes are More Reliable Indicators of Intra-operative Colectomy Complication than Diagnosis Codes

Anne M. Stey, MD; Rachel Louie; Elise Lawson, MD; Marcia M. Russell, MD; David Zingmond, MD, PhD;

Bruce L. Hall, MD, PhD, FACS; Clifford Y. Ko, MD, MSHS, FACS. *From the University of California-Los Angeles*

DISCUSSANT: Amir A. Ghaferi, MD, MS, *Ann Arbor, MI*

#### **Quality of Life after Pancreaticoduodenectomy: What Are the Long-Term Effects?**

Jennifer K. Plichta, MD; Karla Bernardi; Eileen A. Bock, MD; Michael G. Hurtuk, MD; Gerard V. Aranha, MD, FACS. *From Loyola University Medical Center, Maywood, IL*

DISCUSSANT: Kimberly M. Brown, MD, FACS, *Galveston, TX*

#### **Incidence and Pattern of Cervical Spine Injury in Patients Who Fall: Don't Worry about How High, Worry about How Old**

Nouralhoda Dehdashti; Narong Kulvatunyou, MD, FACS; Randall S. Friesse, MD, FACS; Lynn Gries, MD; Bellal Joseph, MD, FACS; Terence O'Keeffe, MBChB, MSPH, FACS; Julie L. Wynne, MD, FACS; Andrew L. Tang, MD, FACS; Gary A. Vercruysse, MD, FACS; Peter M. Rhee, MD, MPH, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Selwyn O. Rogers, MD, MPH, FACS, *Philadelphia, PA*

#### **Cost and Outcome Analysis of Robotic, Laparoscopic, and Open Colon Resection: A National Study**

Yen-Yi Juo, MD; Omar Hyder, MD; Adil H. Haider, MD, MPH, FACS; Melissa Camp, MD, MPH; Anne O. Lidor, MD, MPH, FACS; Nita Ahuja, MD, FACS. *From the Johns Hopkins Bloomberg School of Public Health, Baltimore, MD*

DISCUSSANT: Ian M. Paquette, MD, *Cincinnati, OH*

#### **Prothrombin Complex Concentrate in Conjunction with Fresh Frozen Plasma Improves Time to Craniotomy in Traumatic Brain Injury**

Bellal Joseph, MD, FACS; Hassan Aziz, MD; Viraj Pandit, MD; Daniel Hays, Narong Kulvatunyou, MD, FACS; Andrew L. Tang, MD, FACS; Julie L. Wynne, MD, FACS; Terence O'Keeffe, MBChB, MSPH, FACS; Randall S. Friesse, MD, FACS; Peter M. Rhee, MD, MPH, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Adil H. Haider, MD, BS, MPH, FACS, *Baltimore, MD*

#### **Time and Cost Analysis of Gallbladder Surgery Under Acute Care Surgery Model**

Maria Michailidou, MD; Narong Kulvatunyou, MD, FACS; Bellal Joseph, MD, FACS; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MBChB, MSPH, FACS; Julie L. Wynne, MD, FACS, MPH; Donald Green, MD, FACS; Lynn Gries, MD; Randall S. Friesse, MD, FACS; MPH; Peter M. Rhee, MD, MPH, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Karen J. Brasel, MD, MPH, FACS, *Milwaukee, WI*

#### **Hospital Variation in Outcomes following Appendectomy**

Peter C. Jenkins, MD; Mark R. Hemmila, MD, FACS; Mary K. Oerline; Andrew J. Mullard; Michael J. Englesbe, MD, FACS; Darrell A. Campbell, Jr., MD, FACS. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Stefan D. Holubar, MD, *Rochester, MN*

**SF30 | 2:30 - 5:45 pm**

#### **Vascular Surgery II**

*Location: 143A*

TRACK: VAS

MODERATOR: Edith Tzeng, MD, FACS, *Pittsburgh, PA*

CO-MODERATOR: Brian W. Nolan, MD, *Lebanon, NH*

2013 Excellence in Research Award Recipient:

Jonathan Robert Thompson, MD, *Omaha, NE*

#### **Mortality Rates of Patients with Peripheral Arterial Disease Are Predicted by the Respiratory Activities of Gastrocnemius Mitochondrial Complexes I and IV**

Jonathan R. Thompson, MD; Stanley A. Swanson; Gleb Haynatzki, PhD; George P. Casale, PhD; Jason M. Johanning, MD, FACS; Evlampia Papoutsis; Panagiotis Koutakis; Dimitrios Miserlis, MD; Zhen Zhu, MD; Iraklis I. Pipinos, MD, PhD, FACS. *From the University of Nebraska Medical Center, Omaha*

DISCUSSANT: Cheong J. Lee, MD, *Milwaukee, WI*

#### **EphB4 Activation Reduces Neointimal Hyperplasia in Human Saphenous Vein**

Daniel Wong; Kota Yamamoto, MD, PhD; Clinton D. Protack, MD; Michael A. Hall, MD; Daniel Lu; Willis T. Williams, MD; Roland Assi, MD; Nirvana Sadaghi-anloo, MD; Hualong Bai, MD; Alan Dardik, MD, PhD, FACS. *From the Yale School of Medicine, New Haven, CT*

DISCUSSANT: K. Craig Kent, MD, FACS, *Madison, WI*

#### **Characterization of Readmissions after Major Vascular Procedures**

Mila H. Ju, MD; Ryan P. Merkow, MD; Mark K. Eskandari, MD, FACS; Clifford Y. Ko, MD, MSHS, FACS; Karl Y. Bilimoria, MD, FACS. *From Northwestern University, Chicago, IL*

DISCUSSANT: Jason M. Johanning, MD, FACS, *Omaha, NE*

#### **Activation of Mammalian Target of Rapamycin (mTor) in Human Restenosis**

Preston N. Morehead, MD; Lingwei Kong; Jing Kang, MD; Maurice M. Solis, MD, FACS; Don K. Nakayama, MD, FACS; Zhongbiao Wang, MD, PhD. *From the Mercer University School of Medicine, Macon, GA*

DISCUSSANT: Edith Tzeng, MD, FACS, *Pittsburgh, PA*

#### **The Effect of Physician Specialty on Short and Long-Term Outcomes and Re-Interventions following Endovascular Aneurysm Repairs in Medicare Beneficiaries in the United States**

Jordan P. Knepper, MD; Justin B. Dimick, MD, FACS; John E. Rectenwald, MD, FACS; Nicholas H. Osborne, MD. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Iraklis I. Pipinos, MD, PhD, FACS, *Omaha, NE*

#### **Contralateral Renal Disease in Patients Undergoing Renal Artery Aneurysm Repair: The Fate of the "Other" Kidney and Implications for Clinical Management**

Sarah M. Carter; Michael R. Buckley, MD; Jeanette S. Andrews; Matthew S. Edwards, MD, FACS; Justin B. Hurie, MD; Randolph L. Geary, MD, FACS; Christopher J. Godshall, MD, FACS; George Plonk, MD,

FACS; Matthew A. Corriere, MD, FACS. *From the Wake Forest University School of Medicine, Winston-Salem, NC*

DISCUSSANT: Oscar H. Grandas, MD, FACS, *Knoxville, TN*

### **Hormonal Regulation of Lysyl Oxidase in Vascular Remodeling**

Jason R. Chapman, MD; Deidra J. H. Mountain, PhD; Stacy S. Kirkpatrick; Scott L. Stevens, MD; Josh D. Arnold, MD; Mitchell H. Goldman, MD, FACS; Michael B. Freeman, MD, FACS; Oscar H. Grandas, MD, FACS. *From the University of Tennessee Graduate School of Medicine, Knoxville*

DISCUSSANT: Kathleen G. Raman, MD, FACS, *St. Louis, MO*

### **Identification of Idarubicin in High-Throughput Screen as a Drug that Selectively Inhibits the Proliferation of Human Smooth Muscle Cells vs. Endothelial Cells**

Shakti A. Goel, MB, BS; Lian-Wang Guo, PhD; Toshio Takayama, MD, PhD; Drew A. Roenneburg; Song Guo; Gene Ananiev, PhD; F. Michael Hoffmann, PhD; K. Craig Kent, MD, FACS. *From the Wisconsin Institute for Medical Research, Madison*

DISCUSSANT: Don K. Nakayama, MD, FACS, *Macon, GA*

### **The Increasing Incidence of Thromboembolic Events Among Patients with Inflammatory Bowel Disease**

SreyRam Kuy, MD; Anahita Dua, MD; Patel Bhavin; Gary R. Seabrook, MD, FACS; Kellie R. Brown, MD, FACS; Brian D. Lewis, MD; Peter J. Rossi, MD, FACS; James Gosset, MD; Sapan Desai, MD, PhD; Cheong J. Lee, MD. *From the Medical College of Wisconsin, Milwaukee*

DISCUSSANT: Moderator(s)

**SF31 | 4:15 - 5:45 pm**

### **Geriatric Surgery**

*Location: 154*

TRACK: GER

MODERATOR: Michael E. Zenilman, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Thomas N. Robinson, MD, FACS, *Aurora, CO*

2013 Excellence in Research Award Recipient:

Viraj Pandit, MD, *Tucson, AZ*

### **Frailty is Superior to Age in Predicting Outcomes in**

#### **Geriatric Trauma Patients: A Prospective Analysis**

Viraj Pandit, MD; Bellal Joseph, MD, FACS; Peter M. Rhee, MD, MPH, FACS; Hassan Aziz, MD; Narong Kulvatunyou, MD, FACS; Julie L. Wynne, MD, FACS; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MBChB, FACS, MSPH; Gary A. Vercruysse, MD, FACS; Randall S Friese, MD, FACS. *From the University of Arizona, Tucson*

DISCUSSANT: Dorry L. Segev, MD, FACS, *Baltimore, MD*

### **Not All Comorbidities Are The Same: The Impact of Specific Comorbidities Upon Mortality in Critically Ill Geriatric Trauma Patients**

Elizabeth D. Fox, MD; Daithi S. Heffernan, MD, AFRCSI; Charles A. Adams, Jr., MD, FACS; Thomas J. Miner, MD, FACS; Michael D. Connolly, MD, FACS; Shea C. Gregg, MD, FACS; Andrew H. Stephen, MD;

Stephanie N. Lueckel, MD; William G. Cioffi, Jr., MD, FACS. *From Brown University, Rhode Island Hospital, Providence*

DISCUSSANT: Ronnie A. Rosenthal, MD, FACS, *West Haven, CT*

### **All Complications Are Not Equal: Sentinel Complications and Failure to Rescue After Emergency Surgery in the Elderly**

Kyle H. Sheetz; Robert W. Krell, MD; Darrell A. Campbell, Jr., MD, FACS; Michael J. Englesbe, MD, FACS; Amir A. Ghaferi, MD. *From the University of Michigan, Ann Arbor*

DISCUSSANT: Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*

### **Age Deciles Contribute to Risk Stratification of Short-Term Pancreatectomy Morbidity and Mortality**

Nadia M Obeid, MD; Ilan S Rubinfeld, MD, FACS; David S Kwon, MD; Nathan H Schmoekel, DO; Ryan Kather; Vic Velanovich, MD, FACS. *From Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Charles M. Vollmer, MD, FACS, *Philadelphia, PA*

### **The Differential Effects of Surgical Harm in Elderly Populations—Does the Adage: “They Tolerate the Operation, but not the Complications” Hold True?**

Peter D. Adams, MD; Ilan S. Rubinfeld, MD, FACS; Ryan Kather; Jennifer Ritz, RN; Roberta Mooney, RN; H. Mathilda Horst, MD; Anthony J. Falvo, DO, FACS. *From Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Gretchen Schwarze, MD, FACS, *Madison, WI*

### **Assessing the Association between Adherence to Process-Based Quality Indicators and Surgical Outcomes**

Fadi Hamadani, BSc(Hons), MD; Simon Bergman, MD, FRCSC, FACS; Melina Deban; Vanessa Martelli; Christina Holcroft, ScD; Nadia Sourial; Michele Monette; Helena Zakrzewski, BSc(Hons); Shannon Fraser, MD, MSc, FRCSC, FACS. *From McGill University, Montreal, QC*

DISCUSSANT: Sandhya A. Lagoo-Deenadayalan, MD, PhD, FACS, *Durham, NC*

**SF32 | 4:15 - 5:45 pm**

### **Patient Safety**

*Location: 144*

TRACKS: EDU, HP

MODERATOR: Sandra L. Wong, MD, FACS, *Ann Arbor, MI*

### **Trends in Incidence, Type, and Repair of Ureteral Injury Occurring During Hysterectomy Over 10 Years at a Single Institution**

Scott Thomas Matz, MD; Andrew Christiansen; Phillip Fuller, MD; Carrie Yeast, MD; James M. Cummings, MD, FACS. *From the University of Missouri, Columbia*

DISCUSSANT: Scott E. Regenbogen, MD, *Ann Arbor, MI*

### **Implementation of a Standard Handoff Process Facilitates Transfer of Care of Cardiac Surgical Patients from Operating Room to intensive care unit (ICU)**

Jennifer Dixon, MD; Hayden W. Stagg, MD; Hania Wehbe-Janek, PhD; Chanhee Jo, PhD; William C.

Culp, MD; Jay G. Shake, MD, FACS. *From Scott and White Memorial Hospital, Temple, TX*  
 DISCUSSANT: Elliott R. Haut, MD, FACS, *Baltimore, MD*

#### **When Does Transition to A New Procedure Become Safe at a Hospital?**

Craig S. Schallhorn; Mark A. Talamini, MD, FACS; David C. Chang, PhD, MPH. *From the University of California-San Diego*  
 DISCUSSANT: Benjamin K. Polouse, MD, MPH, *Nashville, TN*

#### **Perioperative Antibiotics in the Setting of Oral Cavity Reconstruction: How Much Is Too Much?**

Leslie E. Cohen, MD; Alyssa J. Reiffel, MD; Jill J. Ketter, PA; Tatiana Boyko, MD; Andrew L. Weinstein; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*  
 DISCUSSANT: Lillian S. Kao, MD, MS, FACS, *Houston, TX*

#### **Venous Thromboembolism Risk Assessment Scoring in the Critically Ill: The Impact of Misclassification**

Andrea T. Obi, MD; Rafael Alvarez, MD; Christopher J. Pannucci, MD; Vinita Bahl, DDS, DNB; Lena M. Napolitano, MD, FACS; Thomas W. Wakefield, MD, FACS; Peter K. Henke, MD, FACS. *From the University of Michigan, Ann Arbor*  
 DISCUSSANT: Joseph A. Caprini, MD, FACS, *Skokie, IL*

## **Thursday, October 10**

SF33 | 8:00 - 11:15 am

### **Critical Care III: Mechanisms of Organ Dysfunction**

Location: 102

TRACKS: GEN, TRA

CO-MODERATOR: Andrew J. E. Seely, MD, FACS, *Ottawa, Ontario, Canada*

CO-MODERATOR: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

#### **Carbon Monoxide Protects Against Hemorrhage and Resuscitation-Induced Endothelial/Microcirculatory Injury**

Ibrahim Nassour, MD; Evie H. Carchman, MD; Benjamin Kautza, MD; Sean P. Whelan, MD; Daniel Escobar, MD; Leo E. Otterbein, PhD; Brian S. Zuckerbraun, MD, FACS. *From the University of Pittsburgh Medical Center, PA*  
 DISCUSSANT: Ori D. Rotstein, MD, FACS, *Toronto, ON*

#### **Incidence, Kinetics, and Outcomes of Recurrent Acute Kidney Injury**

Donald G. Harris, MD; Matthew E. Lissauer, MD, FACS; Jose J. Diaz, MD, FACS; William C. Chiu, MD, FACS; Thomas M. Scalea, MD, FACS. *From the University of Maryland Medical Center, Baltimore*  
 DISCUSSANT: Heitham T. Hassouri, MD, FACS, *Baltimore, MD*

#### **Sirtuin1 Activator SRT1720 Stimulates Mitochondrial Biogenesis and Attenuates Renal Injury after Ischemia-Reperfusion**

Adam Khader, MD; Weng-Lang Yang, PhD; Michael Kuncewitch, MD; Asha Jacob, PhD; Jose M. Prince, MD, FACS; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *From the Hofstra-*

*North Shore Long Island Jewish School of Medicine, Manhasset, NY*

DISCUSSANT: Kevin P. Mollen, MD, *Pittsburgh, PA*

#### **The Role of the Regulator Complex in Mediating Sepsis-Induced Muscle Atrophy**

Lacee Laufenberg, MD; Maithili Navaratnarajah; Anne Pruznak; Charles Lang, PhD. *From Penn State University Medical Center, Hershey*  
 DISCUSSANT: Mark G. Jeschke, MD, FACS, *Toronto, ON*

#### **Sensitive Dependence on Initial Conditions: Metabolism in Porcine Hemorrhagic Shock**

Kristin M. Pokorney, MD; Daniel R. Lescen, PhD; Elizabeth E.R. Luszczek, PhD; Charles E. Determan, Jr.; Nancy E. Witowski, PhD; Kristine E. Mulier; Gregory J. Beilman, MD, FACS. *From the University of Minnesota, Minneapolis*  
 DISCUSSANT: Matthew R. Rosengart, MD, FACS, *Pittsburgh, PA*

#### **Remote Ischemic Pre-Conditioning Prevents Liver Injury in a Murine Model of Hemorrhagic Shock/Resuscitation**

Chung Ho Leung, BSc(Hons); Christopher A. Caldaroni, MD, FACS; Dana Safavian, BSc(Hons); Ori D. Rotstein, MD, MSc, FRCSC, FACS. *From St. Michael's Hospital, Hospital for Sick Children and The University of Toronto, ON*  
 DISCUSSANT: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

#### **Liver Function Is Affected by Mechanical Ventilation after Abdominal Surgery**

Guangqing Sun, MD; Juan Chen, MD; Bin Uyang, MD, PhD; Mingying Chen, MD, PhD; Pingping Wang, PhD; Liangru Ke, MD; Qing Wang, MD; Yihan Zhang, MD; Qingfeng Lei, MD; Xiangdong Guan, MD, PhD. *From the First Affiliated Hosp, Sun Yat-sen Univ Guangzhou, China*  
 DISCUSSANT: Andrew J. E. Seely, MD, FACS, *Ottawa, ON*

#### **Developing a Novel Large Animal Model of Trauma-Induced Systemic Inflammatory Response Syndrome**

Chetan Pasrija, BSc(Hons); Pablo G. Sanchez, MD, PhD; Zhongjun J. Wu, PhD; Bartley P. Griffith, MD, FACS. *From the University of Maryland, Baltimore*  
 DISCUSSANT: Gregory J. Beilman, MD, FACS, *Minneapolis, MN*

#### **Continuous vs. Bolus Tube Feeds: Does the Modality Affect Glycemic Variability or Insulin Requirements?**

Rachel Forbes, MD; Christian Jones, MD; Chinedu Njoku, PhD, RN; David Tulman; David C. Evans, MD; Sergio Bergese, MD; Cattelleya Thongrong, MD; Nicolas Kong, PhD; Stanislaw P. Stawicki, MD, FACS. *From Ohio State University Wexner Medical Center, Columbus*  
 DISCUSSANT: Lillian S. Kao, MD, FACS, *Houston, TX*

#### **Therapeutic Hypothermia Following Cardiac Arrest in Surgical Patients**

Stephanie L. Nitzschke, MD; Benjamin S. Abella, MD; Marion Leary, RN; William D. Schweickert, MD; Carrie A. Sims, MD, FACS; Jose L. Pascual, MD, PhD; Daniel N. Holena, MD, FACS. *From the Hospital of the University of Pennsylvania, Philadelphia*  
 DISCUSSANT: Lorenzo E. Ferri, MD, FACS, *Montreal, QC*

### Paraplegics and Quadriplegics Undergoing Emergency General Surgery: Sicker Presentations, Worse Outcomes

Lisa L. Schlitzkus, MD; Efstathios Karamanos, MD; Pedro G. Teixeira, MD; Kenji Inaba, MD, FACS, FRCSC; Peep Talving, MD, PhD, FACS; Demetrios Demetriades, MD, PhD, FACS. *From the Los Angeles County and University of Southern California Medical Center, Los Angeles, CA*  
DISCUSSANT: Tarek S. A. Razek, MD, FACS, *Montreal, QC*

SF34 | 8:00 - 11:15 am

### Innovative Clinical Technology

Location: 143BC

TRACK: INFO

MODERATOR: Erik P. Dutson, MD, FACS, *Los Angeles, CA*

### Intraoperative Laser-Induced Fluorescent Angiography to Quantify Perfusion of Gastric Conduit in Esophagectomy With and Without Gastric Preconditioning

Marc G. Mesleh, MD; Steven P. Bowers, MD, FACS; C. Daniel Smith, MD, FACS. *From Mayo Clinic Florida, Jacksonville, FL*  
DISCUSSANT: Moderator(s)

### Development of A Black-Box Data Recording Device in the Operating Room: A Proof-Of-Concept Study

Jill A. Cates, BSc(Hons); Esther M. Bonrath, MD; Nicolas J. Dedy, MD; Teodor P. Grantcharov, MD, PhD, FACS. *From St. Michael's Hospital Toronto, ON*  
DISCUSSANT: Moderator(s)

### Haptic Feedback of Instrument Vibrations Improves Performance during Robotic Surgical Simulation: A Randomized Controlled Trial

Ernest D. Gomez; William McMahan; Daniel A. Hashimoto; Anna Brzezinski; Karlin Bark, PhD; Kristoffel R. Dumon, MD, FACS; David I. Lee, MD; Noel N. Williams, MB, BCh, FRCSI; Katherine J. Kuchenbecker, PhD. *From the Perelman School of Medicine, Philadelphia, PA*  
DISCUSSANT: Moderator(s)

### Implantable Cook Doppler vs. Synovis Flow Coupler Use in Perforator-Based Breast Reconstruction for Postoperative Free Flap Monitoring: Outcomes and Reliability

Grace Um; Otway Louie, MD; Hakim K. Said, MD, FACS; Peter C. Neligan, MD, FACS; David W. Mathes, MD, FACS. *From the University of Washington, Seattle*  
DISCUSSANT: Moderator(s)

### First Patient-Specific Finite Element Model of an Ascending Thoracic Aortic Aneurysm Associated with Bicuspid Aortic Valve

Andrew D. Wisneski; Heide Kuang; Aart Mookhoek, MD, PhD; Kiyooki Takabe, MD; Michael D. Hope, MD; Julius M. Guccione, PhD; Liang Ge, PhD; Elaine E. Tseng, MD, FACS. *From the University of California-San Francisco*  
DISCUSSANT: Moderator(s)

SF35 | 8:00 - 11:15 am

### Plastic and Maxillofacial Surgery III

Location: 144

TRACK: PL

CO-MODERATOR: Arin K. Greene, MD, FACS, *Boston, MA*  
CO-MODERATOR: Alex K. Wong, MD, FACS, *Los Angeles, CA*

2013 Excellence in Research Award Recipient:

Reid A Maclellan, MD, *Boston, MA*

### Panniculectomy with Renal Transplant: A Simultaneous Approach to Decrease Wound Complications in Obese Patients

Jennifer Sabino, MD; Jamil A. Matthews, MD; Luther Holton III, MD; Stephen T. Bartlett, MD, FACS; Devinder P. Singh, MD. *From the University of Maryland School of Medicine, Baltimore*  
DISCUSSANT: Arin K. Greene, MD, FACS, *Boston, MA*

### A Clinically Applicable Tolerance Protocol to Induce Tolerance to Vascularized Composite Allografts Without the Need for Persistent Donor Cell Chimerism

Bruce Swearingen, MD; Jeff Chang, MD; Scott Graves, PhD; Tiffany Butts; Rainer Storb, MD; David W. Mathes, MD, FACS. *From the University of Washington and Fred Hutchinson Cancer Research Center, Seattle*  
DISCUSSANT: Justin M. Sacks, MD, FACS, *Washington, DC*

### Immune Tolerance Across a Full MHC Barrier in a Swine Hind Limb Transplantation Model Using a Combined Co-Stimulatory Blockade and Donor Bone Marrow Cell Infusion

Zuhaib Ibrahim, MD; Angelo A. Leto Barone, MD; Lehao Wu, MD; Karim A. Sarhane, MD; Georg Furtmueller, MD; Jaimie T. Shores, MD; Damon S. Cooney, MD, PhD; Justin M. Sacks, MD, FACS; W. P. Andrew Lee, MD, FACS; Gerald Brandacher, MD. *From the Johns Hopkins University School of Medicine, Baltimore, MD*  
DISCUSSANT: David W. Mathes, MD, FACS, *Seattle, WA*

### Regulation of CCN2 Expression in Human Keratinocytes by TGF-Beta1 Induced SMAD and MAPK Signaling

Elizabeth Kiwanuka, MD; Lauren Andersson, MD; Edward J. Caterson, MD, PhD; Johan P.E. Junker, PhD; Bengt Gerdin, MD, PhD; Elof Eriksson, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA*  
DISCUSSANT: Babak J. Mehrara, MD, FACS, *New York, NY*

### Facial Infiltrating Lipomatosis Is Caused by PIK3CA Activating Mutations

Reid A. Maclellan, MD; Kyle C. Kurek, MD; Valerie L. Luks; John B. Mulliken, MD, FACS; Matthew L. Warman, MD; Arin K. Greene, MD, FACS. *From Boston Children's Hospital, MA*  
DISCUSSANT: Alex K. Wong, MD, FACS, *Los Angeles, CA*

### In Vivo Tumor Inhibition by Full Thickness Wounds

Michael S. Hu, MD, MPH; Andrew S. Zimmermann; Michael T. Chung; Adrian McArdle, MB, BCh, BAO, MRCSI; Robert C. Rennert; Tiffany S. Lai; Geoffrey C. Gurtner, MD, FACS; Amato J. Giaccia, PhD; H. Peter Lorenz, MD, FACS; Michael T. Longaker, MD, FACS. *From Stanford University, Stanford, CA*  
DISCUSSANT: Devinder P. Singh, MD, *Baltimore, MD*

### Importance of Mouse Mast Cell Protease-4 in the Inflammatory Phase of Surgically Wounded Skin

Julien Succar, MD; Nanze Yu, MD; Jorge R. Lujan-Hernandez, MD; George Younan, MD; Roger K. Khouri, Jr.; Kazi Z. Hassan; Michael F. Gurish, PhD; Dennis P. Orgill, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA*



DISCUSSANT: Justin M. Sacks, MD, FACS, *Washington, DC*

### Effect of Nonmuscle Myosin-Derived Peptide on Cutaneous Burn Wound Injury

Hamed Sadeghipour, MD; Radbeh Torabi, MD; David Leonard, MD; James Gottschall; David H. Sachs, MD; Curtis L. Cetrulo, Jr., MD; Francis D. Moore, Jr., MD, FACS. *From Brigham and Women's Hospital, Harvard Medical School, and Transplantation Biology Research Center of Massachusetts General Hospital, Boston, MA*

DISCUSSANT: Dennis P. Orgill, MD, FACS, *Boston, MA*

### Nanotechnology-Based Approach in Plastic Surgery for Diabetic Wound Healing

Jorge R. Lujan-Hernandez, MD; Basak Icli, PhD; Meghan Cahill; Luca Lancerotto, MD; Nanze Yu, MD; Kazi Z. Hassan; Julien Succar, MD; Roger K. Khouri, Jr.; Mark W. Feinberg, MD; Dennis P. Orgill, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: David W. Mathes, MD, FACS, *Seattle, WA*

SF36 | 8:00 - 11:15 am

### Surgical Education II

Location: 151A

TRACK: EDU

MODERATOR: Gregory S. Cherr, MD, FACS, *Buffalo, NY*

### The American College of Surgeons National Surgical Quality Improvement Program Quality in Training Initiative (ACS NSQIP® QITI): The Results of a Systematic Review for a National Surgical Quality Improvement Curriculum

Rachel M. Owen, MD; Morgan M. Sellers; Clifford Y. Ko, MD, MSHS, FACS; Rachel R. Kelz, MD, MSCE, FACS. *From Emory University, Atlanta, GA*

DISCUSSANT: James R. Korndorffer, Jr., MD, FACS, *New Orleans, LA*

### Automated Video Assessment of FLS Training: Feasible and Desirable

David A. Edelman, MD, FACS; Michael Drapezia; Mark Mattos, MD; Michael T. White, MD, FACS; David L. Bouwman, MD, FACS. *From Wayne State University, Detroit, MI*

DISCUSSANT: Ranjan Sudan, MD, FACS, *Durham, NC*

### National Trends in Endoscopy Experience for Graduating General Surgery Chief Residents

Jeffrey S. Carson, MD; Lynette M. Smith; P.J. Schenarts, MD, FACS; Sean J. Langenfeld, MD; Kenneth S. Azarow, MD, FACS; David W. Mercer, MD, FACS; Jon S. Thompson, MD, FACS; Chandrakanth Are, MD, FRCSI, FACS. *From the University of Nebraska Medical Center, Omaha*

DISCUSSANT: Jeffrey M. Gauvin, MD, *Santa Barbara, CA*

### Improvement in American Board of Surgery In-Training Examination (ABSITE) Performance with a Multidisciplinary Surgeon-Directed Integrated Learning Platform

Anahita Dua, MD; Ranjan Sudan, MD; Sapan Desai, MD, PhD, MBA. *From the University of Texas-Houston*  
DISCUSSANT: A. Alfred Chahine, MD, FACS, *Washington, DC*

### Ward Simulation Improves Surgical Ward Round Performance: A Randomised Controlled Trial of a Simulation-Based Curriculum

Philip H. Pucher, MD, MRCS; Pritam Singh, MB, BS, MRCS, FACS; Tharanny Srisatkunam, BSc(Hons); Ahmed Twaij, MB, BS, BSc(Hons); Ara W. Darzi, MB BCh, FACS(Hon), FRCS; Rajesh Aggarwal, MB, BS, PhD, FRCS. *From the Imperial College London, United Kingdom*

DISCUSSANT: Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

### SIMweek: An Intensive and Immersive Simulation Week Boot Camp Improves Clinical Outcomes and Confidence of Surgical Interns

Pritam Singh, MB, BS, MRCS; Philip H. Pucher, BSc(Hons), MD, MRCS; Daniel A. Hashimoto; Laura Beyer-Berjot, MD; Rasiah Bharathan, MB, BS, MRCS; Katherine E. Middleton, MB, BS; Joanne Jones, RGN, BSc(Hons); Ara W. Darzi, MB BCh, FACS(Hon), FRCS; Rajesh Aggarwal, MB, BS, PhD, FRCS. *From the Imperial College London, United Kingdom*

DISCUSSANT: Chandrakanth Are, MB, BS, FRCS, FACS, *Omaha, NE*

### Surgery Pedigree Study: The Pathway to Chair

Oveys Mansuri, MD; Kelly A. Fenn, PA-C; Brittany A. England, APRN, NP; Emily D. Myers, APRN, NP. *From the University of Nebraska Medical Center, Omaha*

DISCUSSANT: Merrill T. Dayton, MD, FACS, *Buffalo, NY*

### Can Pregnant Surgery Residents Make the Cut?

Jill K. Onesti, MD; Dawn R. Elliott, MD; Mathew H. Chung, MD, FACS; Marc G. Schlatter, MD, FACS; Carissa R. Van Spronsen; Tracy J. Koehler, MS. *From Grand Rapids Medical Education Partners, MI*

DISCUSSANT: Kathrin M. Troppmann, MD, FACS, *Sacramento, CA*

### A Structured Daily Teaching Curriculum of Medical Students Improves the NBME Shelf Examination Performance

Bethany Malone; Keith Wirth; Christopher Turner, MD; Robert Schulze, MD, FACS; Aliu Sanni, MD. *From State University New York Downstate Medical Center, Brooklyn*

DISCUSSANT: Rachel R. Kelz, MD, MSCE, FACS, *Philadelphia, PA*

### Preventing Failure to Rescue by Improving the Escalation of Care Process: An Intervention Study

Maximilian Johnston, MB, BCh; Sonal Arora, MB, BS, PhD, MRCS; Dominic King, MRCS; Luke Stroman, MB, BS; Ara W. Darzi, MB BCh, FACS(Hon), FRCS. *From the Imperial College London, United Kingdom*

DISCUSSANT: H. David Raines, MD, FACS, *Falls Church, VA*

### Testing the Trainer's Training on a Laparoscopic Surgery "Train the Trainer" Course

Susannah M. Wyles, BSc(Hons), MD, MRCS; Melody Ni, BSc(Hons), PhD; Nader Francis, PhD, FRCS; John T. Jenkins, MD, FRCS; Tom Cecil, MD, FRCS; Amjad Parvaiz, MD, FRCS; George B. Hanna, PhD, FRCS; Mark G. Coleman, MD, FRCS. *From the Imperial College London, United Kingdom*

DISCUSSANT: David L. Bouwman, MD, FACS, *Detroit, MI*

# Video-Based Education Sessions (VE)

Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-Based Education, the sponsor of all video-based education sessions.

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## Monday, October 7

VE01 | 9:45 am - 1:00 pm

### Challenging and Unusual Problems in Surgery

Location: 206

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER: William O. Richards, MD, FACS, *Mobile, AL*

#### PANELISTS:

Alan E. Harzman, MD, FACS, *Columbus, OH*  
Leena Khaitan, MD, FACS, *Chardon, OH*

### En Bloc Resection of Metastatic Cervical Carcinoid Tumor with Right Common Carotid Artery Invasion

William B. Inabnet III, MD, FACS; Meena Said, MD; Raja Flores, MD, FACS; Richard Warner, MD; Steven D. Herman, MD, FACS; Alexandra Naides; Michael L. Marin MD, FACS; *New York, NY*

### Neoplastic Caval Thrombosis in Reno-Adrenal Tumors: Strategy and Surgical Treatment

Guido De Sena, MD; Carlo Molino, MD; Carlo Ruotolo, MD; Francesco La Rocca, MD; Francesco Chianese, MD; Ferdinando Fusco, MD; Massimiliano Petrocelli, MD; Antonio Braucci, MD; Lucio Allegretti; Marco Capasso, MD; *Naples, Italy*

### Recurrence and Complications following Nissen

#### Fundoplication with Biologic Mesh Repair of the Hiatus

Edward L Felix, MD, FACS; Daniel Swartz, MD, FACS; *Fresno, CA*

### Natural History of Complicated Cholelithiasis: A Case Report Demonstrating Cholecystoduodenal and Cholecystocutaneous Fistulas

Horacio J. Asbun, MD, FACS; Ram Pathak, MD; *Jacksonville, FL*

### Laparoscopic-Assisted Endoscopic Resection of a Duodenal Mass

Catherine Ho, DO; Yaniv Cozacov, MD; Adam Beall, MD; Jessica Ardila-Gatas, MD; Abraham Betancourt, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

### Major Intra-Abdominal Injury Cause by Veress Needle:

#### The Importance of Intracorporeal Suturing

Mehraneh D. Jafari, MD; Celeste Kang, MD; Alessio Pigazzi, MD, PhD; *Irvine, CA*

### Management of Giant Perforated Duodenal Ulcer in Lung Transplant Patient

Varvara A. Kirchner, MD; Sayeed Ikramuddin, MD, FACS; Daniel B. Leslie, MD, FACS; *Minneapolis, MN*

### Mesenteric Root Torsion: A Rare Complication Caused by Pnmatosis Cystoides Intestinalis

Abraham A. Betancourt, MD; Catherine Ho, DO; Fernando M. Safdie, MD; Pablo Marin, MD; Yaniv Cozacov, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

### Diary of a Metastatic Gastrointestinal Stromal Tumor (GIST): Laparoscopic Partial Gastrectomy and Falciform Ligament Resection for Metastatic GIST

Jennifer Montes, MD; Niket Sonpal, MD; Rebecca Kowalski, MD; Paresh C. Shah, MD, FACS; *New York, NY*

### Minimally Invasive Approach and Maximally Invasive Approach for Retrieval of Perforating Gastrointestinal Foreign Body

Alan A. Saber MD, FACS; Jason M. Saber; Samer Aida; Moh Rauf; *Brooklyn, NY*

### Laparoscopic Cholecystectomy with Preservation of Anterior Aberrant Hepatic Artery

Jeffrey A. Blatnik, MD; Edward M. Barksdale, MD, FACS; *Cleveland, OH*

### Trans-Oral Video-Assisted Surgical Resection of Giant Esophageal Fibrovascular Polyp

Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD, PhD; Hipolito Duran, MD, PhD; Benedetto Ielpo, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Catalina Oliva, MD; Sergio Olivares, MD; Valentina Ferri, MD; Maria C. Rubio, MD; *Madrid, Spain*

**Catheter Guided Laparoscopic Pancreatic Necrosectomy**

David J. Niemeyer, MD; Kerri A. Simo, MD; Ryan Z. Swan, MD; David Sindram, MD, FACS; John B. Martinie, MD, FACS; David A. Iannitti, MD, FACS; *Charlotte, NC*

**Final Treatment of Recto-Colic Polyposis and Desmoid Tumor by Resection and Bowel Transplantation**

Enrique Moreno-Gonzalez, MD, FACS(Hon); Carmelo Loinaz-Seguroa, MD, FACS; Alejandro Manrique-Municio, MD; Manuel Abradelo-Usera, MD; Jorge Calvo-Pulido, MD; Felix Cambra-Molero, MD; *Madrid, Spain*

**Penetrating Cardiac Injury: From ER to OR and Further**

Yassir S Abdulrahman, MD; Mazin Tuma, MD; Sharon Mathew, MD; Ismail Mahmood, MD; Sajid Atique, MD; Ashok Parchani; Hassan Al Thani, MD, FACS; *Doha, Qatar*

**VE02 | 9:45 am - 1:00 pm**

**Controversies and Challenges in Colorectal Surgery**

*Location: 201*

TRACK: CRS

COORDINATOR AND PRESIDING OFFICERS:

Steven D. Wexner, MD, FACS, *Weston, FL*  
Maher A. Abbas, MD, FACS, FASCRS, *Los Angeles, CA*

PANELISTS:

Joseph C. Carmichael, MD, FACS, *Irvine, CA*  
Hermann P. Kessler, MD, PhD, *Cleveland, OH*  
John R. T. Monson, MB, BCH, FACS, *Rochester, NY*

**Recto-Vaginal Fistula: The Graciloplasty**

Gilberto Poggioli, MD; Luca Boschi, MD; Riccardo Cipriani, MD; Lorenzo Gentilini, MD; Maurizio Coscia, MD; Silvio Laureti, MD; *Bologna, Italy*

**A Novel Technique for Rectocele Repair**

Songphol Malakorn, MD; Chinavon Chivaratanond, MD; Jirawat Pattana-arun, MD; *Bangkok, Thailand*

**Transanal Endoscopic Resection of a T1 Rectal Adenocarcinoma using an Artisanal (home made) Device**

Andres L. Hanssen, MD, FACS; Sergio Plotnikov, MD; Rinci L. Dubois, MD; Yanira Vuolo, MD; Luis Aleman, MD; *Caracas, Venezuela*

**Transanal Minimally Invasive Surgery: Systematic Approach for Partial Proctectomy**

Michael E. Dolberg, MD; Michael L. Campbell, MD; Elia C. Abboud, MD; Jaime E. Sanchez, MD; Jorge E. Marcet, MD, FACS; Sowsan H. Rasheid; *Tampa, FL*

**A New, Combined Technique of Reinforced Parastomal Hernia Repair**

Emanuela Silva, MD; Julie A. Van Koughnett, MD, FRCS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; Steven D. Wexner, MD, FACS, FRCS(Ed); *Weston, FL*

**Laparoscopic Extended Right Hemicolectomy with High Hepatic Flexure and Retroperitoneal Adhesions**

Deborah S. Keller, MD; Conor P. Delaney, MD, PhD, FACS; *Cleveland, OH*

**Laparoscopic-Assisted Ileocolic Resection for Crohn's Disease**

Sudhir N. Kalaskar, MD, MRCS; Shota Takano, MD; Steven D. Wexner, MD, FACS, FRCS(Ed); *Weston, FL*

**Ultra-Low Anterior Resection for Cavernous Hemangioma of the Rectum**

Jean H. Ashburn, MD; David W. Dietz, MD, FASCRS, FACS; *Cleveland, OH*

**Robotic-Assisted Resection of a Peri-Rectal Schwannoma**

Meghan R. Forster, MD; Maki Yamamoto, MD; Jonanthan Hernandez, MD; Shivakumar Vignesh, MD; Barbara Centeno, MD; Kenneth Meredith, MD; *Tampa, FL*

**First UK Transvaginal Natural Orifice Transluminal Endoscopic Surgery-Assisted Sigmoid Colectomy**

Pritam Singh, MB, BS; Mikael H. Sodergren, MB, BCh, MRCS, PhD; James Clark, MRCS, PhD, MB, BS; Sanjay Purkayastha, MD, MB, BS, FRCS; Thomas P. Cundy, MD; Kumuthan Sriskandarajah, MRCS, MB, BS; Peter Mason, FRCS; Julian Teare, MD; Ara W. Darzi, MB, BCh, FACS(Hon); *London, United Kingdom*

**Laparoscopic Total Mesocolic Excision**

Colin Peirce, MRCSI, MD; Dara Walsh, APRN; John C. Coffey, PhD, FRCS; *Limerick, Ireland*

**Laparoscopic Cylindrical Abdominoperineal Resection with Pelvic Defect Reconstruction Using Mucosa-Removed Colonic Flap**

Chuchep Sahakitrungruang, MD, *Bangkok, Thailand*

**Extended Perineal Resection with Gluteus Maximus Flap Reconstruction of the Pelvic Floor for Locally Recurrent Rectal Cancer**

Carlo Staudacher, MD, FACS; Franz B. Preis, MD; Paolo G. Gazzetta, MD; Elena Orsenigo, MD, FACS; Luigi Totaro, MD; *Milano, Italy*

**En-bloc Sigmoid and Urinary Bladder Resection for Complicated Diverticular Disease**

Paolo G. Gazzetta, MD; Elena Orsenigo, MD, FACS; Saverio Di Palo, MD; Carlo Staudacher, MD, FACS; *Milano, Italy*

**VE03 | 2:30 - 5:45 pm**

**Cardiothoracic Surgery**

*Location: 103*

TRACK: CTS

COORDINATOR AND PRESIDING OFFICER:

Dawn E. Jaroszewski, MD, FACS, *Scottsdale, AZ*

PANELISTS:

Francisco A. Arabia, MD, FACS, *Los Angeles, CA*  
Claude Deschamps, MD, FACS, *Rochester, MN*  
Dawn E. Jaroszewski, MD, FACS, *Phoenix, AZ*

**The Butterfly Repair and Anterior Gortex Chords for Barlow's Disease**

Robert E. Michler, MD, FACS; William Jakobleff, MD; Ahmed Khan, DO; *Bronx, NY*

**Amplatzer Device Erosion: Removal of Device and Repair of Anterior Mitral Valve Leaflet**

William G. Terral, MD; Patrick E. Parrino, MD; *New Orleans, LA*

### Combining Minimally Invasive Coronary Artery Bypass Grafting with Percutaneous Intervention for Left Main Coronary Disease: A Hybrid Revascularization Approach

Michael E. Halkos, MD, FACS; Henry A. Liberman, MD; Douglas Morris, MD; *Atlanta, GA*

### Totally Endoscopic Robotic Mitral Valve Repair

T. Sloane Guy, MD, FACS; Yoshiya Toyoda, MD; *Philadelphia, PA*

### Creation of an Apical Pleural Tent after Resection of a Giant Emphysematous Bulla

David T. Cooke, MD, FACS; William Smith; Elizabeth A. David, MD; *Sacramento, CA*

### Thoracoscopic Left Lower Lobectomy for Bronchopulmonary Sequestration with Four Systemic Vessels and Accessory Hemiazagous Venous Drainage

David M. Notrica, MD, FACS; Lisa E. McMahon, MD, FACS; *Phoenix, AZ*

### Video-Assisted Thoracoscopic Surgery (VATS) for Mediastinal Parathyroidectomy

Awais Ashfaq, MD; Nilay R. Shah, MD; Richard T. Schlinkert, MD, FACS; Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

### Thoracoscopic Removal of a Giant Thymoma

Seth D. Force, MD, FACS, *Atlanta, GA*

### Sternoclavicular Joint Resection

Neal G. Moores, MD; Siva Raja, MD, PhD; Daniel P. Raymond, MD, FACS; David P. Mason, MD, FACS; Thomas W. Rice, MD, FACS; Sudish C. Murthy, MD, PhD, FACS; *Cleveland, OH*

### Totally Robotic Ivor-Lewis Esophagectomy

Raghav A. Murthy, MB,BS; Kemp H. Kernstine, MD, PhD, FACS; *Dallas, TX*

### Robotic Belsey Fundoplication: Case Report and Techniques

David B. Graham, MD; Kemp H. Kernstine, MD, PhD, FACS; *Dallas, TX*

### Robotic-Assisted Laparoscopic Repair of Morgagni Diaphragmatic Hernia

Carlos A. Galvani, MD; Julia Samame, MD; Wanda Good, DO; *Tucson, AZ*

### Robotic-Assisted Laparoscopic Excision of Epiphrenic Diverticulum, Esophageal Myotomy, and Dor Fundoplication

Mohamed F. Algahim, MD; William B. Tisol, MD; Mario G. Gasparri, MD, FACS; *Milwaukee, WI*

### Thoracoscopic Excision of an Esophageal Granular Cell Tumor

Seth D. Force, MD, FACS, *Atlanta, GA*

### Giant Type IV Hiatal Hernia: There Is Never a Need for Mesh Reinforcement

Jean-Paul LeFave, MD; Daniel L. Fortes, MD, FACS; Timothy R. Shaver, MD, FACS; Caroline Arthur, MD; *Falls Church, VA*

### Robotic-Assisted Laparoscopic Redo Paraesophageal Hernia Repair

Carlos A. Galvani, MD; Julia Samame, MD; Wanda Good, DO; *Tucson, AZ*

### Minimally Invasive Surgical Resection of Esophageal Lymphohemangioma

Awais Ashfaq, MD; Nilay R. Shah, MD; Kristi Harold, MD, FACS; Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

### Bilateral Thoracoscopic Maximal Thymectomy for Myasthenia Gravis

Seth D. Force, MD, FACS, *Atlanta, GA*

### Resection of a Giant Thymoma

Paul C. Lee, MD, FACS; Weston G. Andrews; *New York, NY*

VE05 | 2:30 - 5:45 pm

### General Surgery I

Location: 150

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Daniel M. Herron, MD, FACS, *New York, NY*

PANELISTS:

Kenric M. Murayama, MD, FACS, *Abington, PA*  
Allan Okrainec, MD, FACS, *Toronto, ON*

### Parathyroid Carcinoma: Surgical Treatment Is Always Indicated?

Guido Gasparri, MD, FACS; Michele Camandona, MD; Teresa Ciamporcero, MD; Milena Freddi, MD; Giorgia Gavello, MD; Grasso Luca, MD; Carlotta Mazza, MD; *Torino, Italy*

### Combined Cervical and Thoracoscopic Thyroidectomy for Posterior Mediastinal Goiter

Catherine A. Madorin, MD; Richard A. Prinz, MD, FACS; John A. Howington, MD, FACS; *Evanston, IL*

### Endoscopic Transaxillary Parathyroidectomy: Pearls for Preoperative CT Localization and Operative Technique

Andrew S. Wu, MD; William B. Inabnet III, MD, FACS; *New York, NY*

### Challenges and Repair of Incarcerated Recurrent Inguinal Hernia

Ayman E. Ahmed MB, BS; Sayeed Ikramuddin, MD, FACS; Daniel B. Leslie, MD, FACS; Helen Tracy Davido, MD; *Minneapolis, MN*

### Open Preperitoneal Repair of Incarcerated Flank Hernia Utilizing Posterior Component Separation

Jeffrey A. Blatnik, MD; Yuri W. Novitsky, MD; *Cleveland, OH*

### Laparoscopic and Thoracoscopic Ivor Lewis Esophagectomy with the Circular Stapled Anastomosis and Trans-Oral Anvil

Guilherme M. Campos, MD, FACS; Laura E. Fischer, MD; Jacob A. Greenberg, MD; Erin S. O'Connor, MD; *Madison, WI*

### Laparoscopic Prophylactic Total Gastrectomy with D1 Nodal Dissection for Familial Gastric Cancer Syndrome

Hisakazu Hoshi, MD, FACS, *Iowa City, IA*

### Heterotopic Gastric Pancreas Mimicking a Metastatic Gastrointestinal Stromal Tumor (GIST)

Elena Orsenigo, MD, FACS; Paolo G. Gazzetta, MD; Carlo Socci, MD; Carlo Staudacher, MD, FACS; *Milano, Italy*

### Laparoscopic Repair of Post-Traumatic Incarcerated Diaphragmatic Hernia

Alan A. Saber, MD, FACS; Samer Aida, MD; Neal Agee, MD; Jeffrey Ranaudo, MD; Jason M. Saber; *Brooklyn, NY*

### Delayed Presentation of Unusual Diaphragmatic Hernia and Novel Laparoscopic Repair

Fernando M. Safdie, MD; Abraham Betancourt, MD; Adam Beall, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

### Abdominal Wall Reconstruction Using Transversus Abdominis Release (TAR) in a Patient with Two Prior Kidney Transplants and an Open Prostatectomy

Jonah J. Stulberg, MD, PhD; Jeffrey A. Blatnik, MD; Kenneth Woodside, MD; Yuri W. Novitsky, MD; *Cleveland, OH*

### Laparoscopic Transgastric Pancreatic Necrosectomy and Cystgastrostomy

Bestoun H. Ahmed, MD, FRCS; Michael S. Nussbaum, MD, FACS; *Jacksonville, FL*

### Laparoscopic Repair of Cholecystoduodenal Fistula

Brian R. Giles, MD; Horacio J. Asbun, MD, FACS; John A. Stauffer, MD; *Jacksonville, FL*

### Use of SPY Imaging System to Evaluate Abdominal Wall Skin Graft Viability in Laparoscopic Ventral Hernia Repair with Mesh

Nilay R. Shah, MD; Kristi L. Harold, MD, FACS; *Phoenix, AZ*

**VE06 | 6:30 - 8:30 pm**

### Clinical Workshop Through Video

*Location: Marriott Wardman Park, Washington 4*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Patrick R. Reardon, MD, FACS, *Houston, TX*

### Laparoscopic Heller Myotomy and Dor Fundoplication for Achalasia and Sigmoid Esophagus

Kourosh Kojouri, MD, FACS, *San Jose, CA*

### Laparoscopic Transhiatal Esophagectomy for End-Stage Achalasia

Lee L. Swanstrom, MD, FACS, *Portland, OR*

### Vagal Sparing Esophagectomy

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

### Laparoscopic Paraesophageal Hernia Repair (Type II and III)

Michel Gagner, MD, FACS, *Montreal, QC*

### Laparoscopic Nissen Fundoplication

Jeffrey H. Peters, MD, FACS, *Rochester, NY*

### Laparoscopic Conversion of a Vertical Banded Gastroplasty to a Roux-en-Y Gastric Bypass

Tomas Escalante-Tattersfield, MD, *Mexico City, Mexico*

### Malrotation in the Bariatric Patient: Strategies for Laparoscopic Roux-en-Y Gastric Bypass

Carlos D. Godinez, MD, *Ellicott City, MD*

### Laparoscopic Highly Selective Vagotomy

John G. Hunter, MD, FACS, *Portland, OR*

### Laparoscopic Vagotomy and Antrectomy for Chronic Ulcer Disease

Vedra A. Augenstein, MD; Beverley L. Paton, MD; *Charlotte, NC*

### Laparoscopic Antrectomy with Bilroth I Reconstruction in Type I Gastric Carcinoid

Ronald Matteotti, MD, *Morgantown, WV*

## Tuesday, October 8

**VE07 | 8:00 - 9:30 am**

### Neurological Surgery

*Location: 140*

TRACK: NEU

COORDINATOR AND PRESIDING OFFICER:

John F. Hamilton, MD, FACS, *Falls Church, VA*

PANELISTS:

Toomas Anton, MD, *Cuyahoga Falls, OH*

Ali Bydon, MD, *Baltimore, MD*

### Carotid Ophthalmic Artery Aneurysms: Improving Surgical Outcomes

Azedine Medhkour, MD, FACS, *Toledo, OH*

### Percutaneous Minimally Invasive Resection of Transforaminal Nerve Sheath Tumor through a Far Lateral Approach

John F. Hamilton, MD, FACS; James V. Boddu; Joy Rostro; J. Patrick Johnson, MD; *Falls Church, VA*

### Endoscopic-Assisted Cervical Intradural Schwannoma Resection

William C. Welch, MD, FACS; Shih-Shan Lang, MD; John Y.K. Lee, MD; *Philadelphia, PA*

### Posterior Cervical C1-C2 Instrumented Fusion: Operative Video

Gabriel C. Tender, MD, FACS; Daniel Serban, MD; *New Orleans, LA*

### Minimally Invasive Transforaminal Lumbar Interbody Fusion at L5-S1: Operative Video

Gabriel C. Tender, MD, FACS; Daniel Serban, MD; *New Orleans, LA*

### Microsurgical Resection of a Foramen Magnum Solitary Fibrous Tumor through a Posterior Sub-Occipital Craniectomy with a Far-Lateral Laminectomy

John F. Hamilton, MD, FACS; James V. Boddu; *Falls Church, VA*

### Technical Case Presentation: Microsurgical Resection of Ulnar Nerve Schwannoma through Utilization of Intraoperative Nerve Action Potentials (NAPs)

John F. Hamilton, MD, FACS; James V. Boddu; *Falls Church, VA*

**VE08 | 8:00 - 11:15 am**

### Otolaryngology—Head and Neck Surgery

*Location: 151B*

TRACK: OTO

COORDINATOR AND PRESIDING OFFICER:

Sanjay R. Parikh, MD, FACS, *Seattle, WA*

MODERATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

**Laryngeal Transplantation: From 1998 Successful Implant to 2012 Explantation**Robert R. Lorenz, MD, FACS, *Cleveland, OH***Use of Lidocaine Laryngeal Drip during Office Bronchoscopy**Arjun S. Joshi, MD, FACS, FRCSC; Steven A. Bielamowicz, MD, FACS; Ning-Wei Li, MD; Saba Ghorab; *Washington, DC***Thoracoscopic Video-Assisted Resection of Ectopic Parathyroid**Salah Mohamed, MD; John Dugal, MD, FACS; Ahmad Saeed, MD; Ryan Gupta; Emad Kandil, MD, FACS; *New Orleans, LA***Total Thyroidectomy and Sistrunk Procedure for Thyroglossal Mass**Jenny H. Pan, MD; David Cook; Sid P. Kerkar, MD; Naris Nilubol, MD, FACS; *Bethesda, MD*MODERATOR: Soham Roy, MD, FACS, *Houston, TX***Simulating Airway Fires: Cadaveric and Mechanical Models**Soham Roy, MD, FACS; Lee P. Smith, MD; *Houston, TX***The Role of Sialendoscopy in the Treatment of Obstructive Salivary Gland Disease**Arjun S. Joshi, MD, FACS, FRCSC; Ning-Wei Li, MD; Neil S. Nayak; *Washington, DC***Transoral Endoscopic Treatment of Zenker Diverticulum**Samer Al-khudari, MD; Anne Hseu, MD; Joseph Scharpf, MD, FACS; *Cleveland, OH***Fluorescence-Transoral Robotic Surgery for Hypopharyngeal Cancer**Pier G. Ciabatti, MD; Luca Ciampelli, MD; Marta Properzi, MD; Giulia Burali, MD; Luca D'Ascanio, MD; *Arezzo, Italy*MODERATOR: Carlton J. Zdanski, MD, FACS, *Chapel Hill, NC***Transoral Robotic Surgery for Saccular Cyst Resection in a Neonate**Carlton J. Zdanski, MD, FACS; Adam M. Zanation, MD; *Chapel Hill, NC***Neck Dissection Levels IA and IB: Anatomy and Technique**Matthew B. Hirsch, MD; Jeffrey M. Bumpous, MD; *Louisville, KY***Robotic Selective Neck Dissection**Pier G. Ciabatti, MD; Luca Ciampelli, MD; Marta Properzi, MD; Luca D'Ascanio, MD; Giulia Burali, MD; *Arezzo, Italy***Robotic-Assisted Transaxillary Parathyroidectomy**Salah Mohamed, MD; Ahmad Saeed, MD; Emad Kandil, MD, FACS; *New Orleans, LA*MODERATOR: Sanjay R. Parikh, MD, FACS, *Seattle, WA***Pediatric Naso-Septal Flap for Sellar Reconstruction**Sanjay R. Parikh, MD, FACS, *Seattle, WA***The Role of Robotic Surgery in Pediatric Otolaryngology**Raj C. Dedhia, MD; U. Duvvuri, MD; Deepak K. Mehta, MD; *Pittsburgh, PA***A Unique Approach to a Unique Problem: Minimally Invasive Total Esophagolaryngectomy with Gastric Pull-up and Tracheostomy**Mark N. Abraham, MD; Edwin M. Overholt, MD, FACS; Steven L. Overholt, MD; Shanu N. Kothari, MD, FACS; *La Crosse, WI***Use of Small Bowel Transplant Technique for Complex Esophageal Resection. Reconstruction of Hypopharyngeal Circumferential and Cervical Esophageal Defects with Free Jejunal**Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD, PhD; Hipolito Duran, MD, PhD; Benedetto Ielpo, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Catalina Oliva, MD; Sergio Olivares, MD; Valentina Ferri, MD; Manuel Hidalgo, MD, PhD; *Madrid, Spain*MODERATOR: Jeremy D. Richmon, MD, FACS, *Baltimore, MD***Robotic Thyroidectomy: Facelift Approach**Jeremy D. Richmon, MD, FACS; Jason D. Prescott, MD, PhD; Ralph P. Tufano, MD, FACS; Martha A. Zeiger, MD, FACS, PhD; Alan Dackiw, MD, FACS; *Baltimore, MD***Retroauricular Robotic Thyroidectomy with Additional Neck Lift**Ahmad Saeed, MD; Thomas M. Moulthrop, MD, FACS; Salah Mohamed, MD; Emad Kandil, MD, FACS; *New Orleans, LA***Single-Incision Robotic Total Thyroidectomy**Pier G. Ciabatti, MD; Giulia Burali, MD; Luca D'Ascanio, MD; Luca Ciampelli, MD; *Arezzo, Italy*MODERATOR: Paul R. Krakovitz, MD, *Cleveland, OH***Unilateral Dacrocystocele Causing Airway Distress in a Neonate**Paul R. Krakovitz, MD; Emily F. Boss, MD; *Cleveland, OH***Stents for Bilateral Neonatal Choanal Atresia: A Stepwise Approach**Emily F. Boss, MD, MPH; David Tunkel, MD; *Baltimore, MD***Use of Oral Vitamin C During Salivary Gland Ultrasound Examination**Arjun S. Joshi, MD, FACS, FRCSC; Ning-Wei Li, MD; Neil S. Nayak; *Washington, DC*

VE04 | 9:45 - 11:15 am

**Subject-Oriented Symposium I: Complex Abdominal Wall Reconstruction: Plastics and General Surgeons—Can We All Agree?**

Location: 152

TRACK: GEN, PLA

COORDINATOR AND PRESIDING OFFICERS:

Michael J. Rosen, MD, FACS, *Solon, OH*  
Patrick B. Garvey MD, FACS, *Houston, TX***Approach to Lateral Hernias: Plastic Surgery**Donald P. Baumann, MD, FACS, *Houston, TX***Approach to Lateral Hernias: General Surgeon**Yuri W. Novitsky, MD, *West Hartford, CT*

**Approach to Midline Hernias: Plastic Surgery**  
Charles E. Butler, MD, FACS, *Houston, TX*

**Approach to Midline Hernias: General Surgery**  
Eric M. Pauli, MD, *Hershey, PA*

**When to Use Flaps in Complex Abdominal Wall Reconstruction**  
Hooman Soltanian, MD, FACS, *Orange, OH*

**VE09 | 12:45 - 2:15 pm**  
**Obstetrics and Gynecology**  
*Location: 151A*

TRACK: OBG

COORDINATOR AND PRESIDING OFFICER:  
Paul M. Magtibay, MD, FACS, *Phoenix, AZ*

**Safe Endoscopic Excision and Vaporization of Peritoneal Endometriosis via CO2 Laser**  
Ali Parsa, MD; Camran Nezhat, MD, FACS; *Palo Alto, CA*

**Robotic-Assisted Excision of 28 Weeks Adnexal Mass via Posterior Colpotomy**  
Peter C. Lim, MD, *Reno, NV*

**Retropubic Midurethral Sling Performance on a Surgical Simulation Model**  
Patrick J. Woodman, DO, FACS; Charles R. Powell, MD, FACS; Seshadri Kasturi, MD; Paul Schoon, MD; *Indianapolis, IN*

**Laparoscopic Ureterolysis by CO2 Laser and Hydrodissection for Partial Ureter Obstruction Due to Endometriosis**  
Ceana H. Nezhat, MD, FACS, *Atlanta, GA*

**Robotic-Assisted Laparoscopic Multiple Myomectomy in a Woman Desiring Fertility-Preservation**  
Susan S. Khalil, MD; Tamara Finger, MD; Farr R. Nezhat, MD, FACS; *New York, NY*

**Robotic-Assisted Total Intracorporeal Ileal Conduit Urinary Diversion**  
Peter C. Lim, MD, *Reno, NV*

**Robotic-Assisted Laparoscopic Para-aortic and Pelvic Lymph Node Debulking in Advanced Cervical Cancer with Management of Laceration of Inferior Vena Cava Injury**  
Susan S. Khalil, MD; Farr R. Nezhat, MD, FACS; Tamara Finger, MD; *New York, NY*

**Robotic-Assisted Hysterectomy with Ureterolysis and Sigmoid Resection with Total Intracorporeal Sigmoid Rectal Anastomosis**  
Peter C. Lim, MD, *Reno, NV*

**Laparoscopic Management of an Ovarian Remnant Using Harmonic Scalpel**  
Ceana H. Nezhat, MD, FACS, *Atlanta, GA*

**VE10 | 12:45 - 2:15 pm**  
**Complex Conditions Managed by Laparoscopy**  
*Location: 206*

TRACK: CRS

COORDINATOR AND PRESIDING OFFICERS:  
Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

Tonia M. Young-Fadok MD, FACS, FASCRS, *Phoenix, AZ*

PANELISTS:

Imran Hassen, MD, FACS, *Springfield, IL*

Mukta K. Krane, MD, *Chicago, IL*

John J. Park, MD, FACS, *Park Ridge, IL*

**Laparoscopic Right Colectomy in a Patient with a Previous Open Pancreaticoduodenectomy**

Alistair J. Chapman, MD; Leandro Feo, MD; Therese Kerwel, MD; Mathew Chung, MD, FACS; Nadav Dujovny, MD, FACS; *Grand Rapids, MI*

**New Laparoscopic Handsewn Colo-Rectal Anastomosis for Late Complication**

Giovanni Dapri, MD, FACS, *Brussels, Belgium*

**Abnormal Presentation of Crohn's Disease: Fistulizing Ileocolic Crohn's Disease with Iliopsoas Abscess and Enterocutaneous Fistula**

Dustin L. Eck, MD; Stephanie L. Koonce, MD, MPH; Albert G. Hakaim, MD, FACS; Ron G. Landmann, MD, FACS, FASCRS; *Jacksonville, FL*

**En Bloc Laparoscopic Sigmoidectomy, Left Adnexectomy, Small Bowel Loop and Piece of Urinary Bladder Resection for Advanced Sigmoid Tumor**

Petar A. Gribnev, MD; George Todorov, MD, PhD; George A. Velev, MD, *Sofia, Bulgaria*; Giovanni Dapri, MD, FACS, *Brussels, Belgium*

**Laparoscopic Sigmoid Resection and Small Bowel Resection with Temporary Ileostomy for Perforative Diverticulitis**

Barry A. Salky, MD, FACS; Andrew Wu, MD; *New York, NY*

**Robotically-Assisted Transanal Abdominal Transanal Proctosigmoidectomy (TATA) Using a Transanal Minimally Invasive Surgical (TAMIS) Approach for Sphincter Preservation and Distal Rectal Cancer**

John H. Marks, MD, FACS; Renee Huang, MD; Dominique McKeever; *Wynnewood, PA*

**Laparoscopic Pexy of Prolapsed Ileoanal J-Pouch following Restorative Proctocolectomy**

Emily Steinhagen, MD; Maria Widmar, MD; Alexandra Naides; Adrian J. Greenstein, MD, FACS; Alexander J. Greenstein, MD, FACS; *New York, NY*

**VE11 | 12:45 - 2:15 pm**  
**Controversial Cases in General Surgery**  
*Location: 207*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Alfons Pomp, MD, FACS, *New York, NY*

PANELISTS:

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

Brent D. Matthews, MD, FACS, *St. Louis, MO*

Michael G. Sarr, MD, FACS, *Rochester, MN*

**Laparoscopic Hand-Assisted Resection of Adrenocortical Cancer**

Halit E. Taskin, MD; Onur Birsan, MD; Shamil Aliyev, MD; Eren Berber, MD, FACS; *Cleveland, OH*



**Robot-Assisted Choledochoplasty for Type III Mirizzi Syndrome**

Subhashini M. Ayloo, MD, FACS; Nabajit Choudhury, MD; *Chicago, IL*

**Robotic-Assisted Total Pancreatectomy with Autologous Islet Transplant for the Treatment of Chronic Pancreatitis**

Carlos A. Galvani, MD; Julia Samame, MD; Wanda Good, DO; Horacio Rodriguez Rilo, MD; Rainer W. Gruessner, MD; *Tucson, AZ*

**Robotic Iatrogenic Right Hepatic Duct Injury Repair in Pregnant Woman with Previous Roux-en-Y Gastric Bypass (Conversion of the Bypass into Sleeve and Swap of the Roux-en-Y into Intrahepatic Right Hepatico-jejunostomy with Retrogastric Transposition)**

Pier C. Giulianotti, MD, FACS; Despoina Daskalaki, MD; Luca Milone, MD, PhD; Myriam Davis, RN, NP; Xyaoying Wang, MD; Eduardo Fernandes, MD, MRCS, PhD; Mario A. Masrur, MD; Franceso Maria Bianco, MD; *Chicago, IL*

**Giant Aneurysm of the Celiac Trunk**

Enrique Moreno-Gonzalez, MD, FACS(Hon); Carlos Jimenez-Romero, MD, FACS; Alvaro Garcis-Sesma, MD; Felix Cambra-Molero, MD; Cristina Alegre-Torrado, MD; *Madrid, Spain*

**Robotic Resection and Irreversible Electroporation (IRE) of a Pancreatic Neuroendocrine Tumor**

Jessica F. Rose, DO; Evan S. Ong, MD, FACS; Tun Jie, MD, FACS; *Tucson, AZ*

**Therapeutic Laparoenteroscopy**

Anil K. Agarwal, MB, BS, FACS; *New Delhi, India*

**VE12 | 12:45 - 2:15 pm****Subject-Oriented Symposium II: 100 Years of Surgery**

*Location: 143BC*

TRACK: CEN, GEN

**COORDINATOR AND PRESIDING OFFICERS:**

Alan E. Harzman, MD, FACS, *Columbus, OH*  
William O. Richards, MD, FACS, *Mobile, AL*

**Edward Martin, MD: 1929 Appendectomy**

Alan E. Harzman, MD, FACS, *Columbus, OH*

**Franklin Martin, MD, FACS: Founding Father of ACS**

Alan E. Harzman, MD, FACS, *Columbus, OH*

**Alfred Blalock, MD, FACS and the Surgical Treatment of the Tetralogy of Fallot**

Luca A. Vricella, MD, FACS, *Baltimore, MD*

**Robert Zollinger, MD, FACS: Surgical Treatment of Zollinger Ellison Syndrome**

E. Christopher Ellison, MD, FACS, *Columbus, OH*

**H. William Scott, MD, FACS: Single Stage Total Proctocolectomy for Ulcerative Colitis**

Sunil K. Geevarghese, MD, FACS, *Nashville, TN*

**The Cincinnati Approach to Rectal Prolapse: 50 Years of Excellence Inspired by William Altemeier, MD, FACS**

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

**James D. Hardy, MD, FACS: Transplant Surgery**

Marc E. Mitchell, MD, FACS, *Jackson, MS*

**G. Thomas Shires, MD, FACS: Trauma Surgery**

G. Thomas Shires III, MD, FACS, *Dallas, TX*

**W. Dean Warren, MD, FACS: Surgical Treatment of Portal Hypertension**

J. Michael Henderson, MB, ChB, FRCS, FACS, *Cleveland, OH*

**LaSalle D. Leffall, Jr., MD, FACS: A Cancer Surgeon's Odyssey**

Edward E. Cornwell III, MD, FACS, FCCM, *Washington, DC*

**VE13 | 2:30 - 4:00 pm****Endocrine Surgery**

*Location: 103*

TRACK: GEN

**COORDINATOR AND PRESIDING OFFICER:**

William B. Inabnet III, MD, FACS, *New York, NY*

**PANELISTS:**

Alexander L. Shifrin, MD, FACS, *Neptune, NJ*  
Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

**Robotic Thyroidectomy**

Michael T. Stang, MD, *Pittsburgh, PA*

**Laparoscopic Adrenalectomy**

Minerva A. Romero Arenas, MD, MPH; Nancy D. Perrier, MD, FACS, *Houston, TX*

**Robotic Adrenalectomy**

Eren Berber, MD, FACS, *Cleveland, OH*

**Interdisciplinary Management of Multifocal Insulinoma**

William B. Inabnet III, MD, FACS, *New York, NY*

**Laparoscopic Approaches to Islet Cell Tumors in the Head of the Pancreas**

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

**Management of Abdominal Carcinoid Tumors and Carcinoid Crisis**

Janice L. Pasieka, MD, FRCSC, FACS, *Calgary, AB*

**Laparoscopic Approaches to Paragangliomas**

Quan-Yang Duh, MD, FACS, *San Francisco, CA*

**VE14 | 2:30 - 4:00 pm****Urology**

*Location: 151B*

TRACK: URO

**COORDINATOR AND PRESIDING OFFICER:**

Raj S. Pruthi, MD, FACS, *Chapel Hill, NC*

**PANELISTS:**

Mathew Raynor, MD, *Chapel Hill, NC*  
Edouard J. Trabulsi, MD, FACS, *Philadelphia, PA*

**Robotic Technique for Challenging Aspects of Donor Nephrectomy**

Alisa M. Coker, MD; Kristin Mekeel, MD, FACS; Joslin Cheverie, MD, FRCSC; Juan S. Barajas-Gamboa, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Ajai Khanna, MD, PhD, FACS; Mark A. Talamini, MD, FACS; Alan W. Hemming, MD, FRCSC, FACS; Santiago Horgan, MD, FACS; *La Jolla, CA*

**Robotic Left Psoas Hitch and Ureteral Reimplantation**

Danny Rabah, MD, FACS, FRCSC; Mohamad Mabrouki, MD; *Riyadh, Saudi Arabia*

**Robotic-Assisted Laparoscopic Ureterolysis**

Nathan R. Roberts, MD; Alana Murphy, MD; Edouard Trabulsi, MD, FACS; Costas D. Lallas, MD, FACS; *Philadelphia, PA*

**Rectourethral Fistulae: Extraperitoneal Endoscopic Robotic Transvesical Repair**

Paul Rusilko, DO; Ranko Miocinovic, MD; Greg Weigler, DO; Richard Santucci, MD; *Detroit, MI*

**Segmental Bladder Resection for Endometriosis**

Camran Nezhat, MD, FACS; Amanda Stevens, MD; Ali Parsa, MD; Christopher Payne, MD; *Palo Alto, CA*

**Laparoscopic Management of a Ruptured, Infected Urachal Cyst**

Rami E. Lutfi, MD, FACS; Jonathan Giannone, MD; John Cudeki, MD; Sean McCarney, MD; *Chicago, IL*

**Left Adrenalectomy in the Context of Congenital Ectopic Pelvic Kidney**

Carmen L. Mueller, MD, FRCSC; Liane S. Feldman, MD, FRCSC, FACS; Elliot J. Mitmaker, MD, FRCSC; *Montreal, QC*

**Rummel Tourniquet for Renal Artery Occlusion During Robotic Partial Nephrectomy**

Gordon L. Fifer, MD, *Chapel Hill, NC*

**VE15 | 2:30 - 5:45 pm**

**General Surgery II**

*Location: 144*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Don J. Selzer, MD, FACS, *Indianapolis, IN*

PANELISTS:

J. Scott Roth, MD, FACS, *Lexington, KY*  
James N. Lau, MD, FACS, *Stanford, CA*  
Attila Nakeeb, MD, FACS, *Indianapolis, IN*

**Not Just a Difficult Airway, But No Airway: A Total Thyroidectomy for a Giant Goiter Using Ketamine and Local Anesthesia, in a Surgical Mission**

Rifat Latifi, MD, FACS; Sarah Popek, MD; Renato Rivera, MD, FACS; Joan Harper, MD; Yassir S. Abdurrahman, MD; *Tucson, AZ*

**Conservative Management of a Tracheal Injury Occurred 40 Days after Robotic Thyroidectomy: A Case Report**

Gabriele Materazzi, MD; Paolo Miccoli, MD, FACS; Carlo E. Ambrosini, MD; Marco Biricotti, MD; Lorenzo Fregoli, MD; *Pisa, Italy*

**Simultaneous Laparoscopic Repair of Suprapubic and Flank Hernias with Defect Closure**

Cory N. Criss, MD; Yuri W. Novitsky, MD; *Cleveland, OH*

**Minimally Invasive Esophagectomy for End-stage Achalasia following Failed Heller Myotomies**

Kosisochi M. Obinwanne, MD; Shanu N. Kothari, MD, FACS; *Lacrosse, WI*

**Minimally Invasive Esophagectomy with Intra-Thoracic Linear-Stapled Anastomosis in the Prone Position**

Hiroshi Okabe, MD, FACS; Eiji Tanaka, MD; Shigeru Tsunoda, MD; Shigeo Hisamori, MD; Yoshiharu Sakai, MD, FACS; *Kyoto, Japan*

**Transabdominal Pre-peritoneal Repair of an Incarcerated Femoral Hernia**

Rana C. Pullatt, MD, MRCSCEd, FACS; Ashley Rickey, MD; David Countryman, MD; Mark Lockett, MD; *Charleston, SC*

**Laparoscopic Primary Closure of a Gastric Perforation**

Michael J. Rosen, MD, FACS; Gayan S. De Silva; *Solon, OH*

**Laparoscopic Duodenojejunostomy for Superior Mesenteric Artery Syndrome**

Fernando M. Safdie, MD; Jessica Ardila-Gatas, MD; Abraham Betancourt, MD; Julie Kilgore, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

**Minimally Invasive Management of Late Stoma Closure Complication**

Carlo Staudacher, MD, FACS; Elena Orsenigo, MD, FACS; Luca Ghirardelli, MD; Fiorentini Guido, MD; *Milano, Italy*

**Step-Wise Approach to Heller Cardiomyotomy for the General Surgeon**

Juan P. Toro, MD; Nathaniel W. Lytle, MD; Ankit D. Patel, MD; John F. Sweeney, MD, FACS; S. Scott Davis, Jr., MD, FACS; Edward Lin, DO, FACS; *Atlanta, GA*

**Laparoscopic Right Flank Hernia Repair with Mesh**

Yuhsin V. Wu, MD; Yuri W. Novitsky, MD, FACS; *Cleveland, OH*

**Laparoscopic Median Arcuate Ligament Release**

Linda P. Zhang, MD; L. Michael Brunt, MD, FACS; *St. Louis, MO*

**A Duplicated Gallbladder with Obstructive Jaundice: A case report with video**

Iman Ghaderi, MD, FRCSC; Eleisha Flanagan, MD; Timothy M. Farrell, MD, FACS; *Chapel Hill, NC*

**Laparoscopic Stapled Partial Splenectomy for a Splenic Cyst**

Mary E. Schroeder, MD; Nathan G. Richards, MD; Fredrick J. Brody, MD, FACS; *Washington, DC*

**VE16 | 6:30 - 8:30 pm**

**Best Videos from the Past**

*Location: Marriott Wardman Park Washington 4*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Jon C. Gould, MD, FACS, *Milwaukee, WI*

PANELISTS:

S. Scott Davis, Jr., MD, FACS, *Atlanta, GA*  
Eric S. Hungness, MD, FACS, *Chicago, IL*  
Shanu N. Kothari, MD, FACS, *La Crosse, WI*

**Laparoscopic Nissen Fundoplication—Mechanisms of Failure**

Charles J. Filipi, MD, FACS, *Omaha, NE*

**Laparoscopic Repair of Giant Paraesophageal Hernia (PEH) with Collis Gastroplasty**

James D. Luketich, MD, FACS, *Fox Chapel, PA*

**First US Human T.E.E.M (Trans-Esophageal Endoscopic Myotomy)**

Santiago Horgan, MD, FACS, *San Diego, CA*

**Laparoscopic Median Arcuate Ligament Release in a Patient with Median Arcuate Ligament Syndrome**Joshua L. Argo, MD, *Birmingham, AL***Posterior Retroperitoneoscopic Adrenalectomy**Christine S. Landry, MD, *Dallas, TX***Laparoscopic Pancreaticoduodenectomy**Horacio J. Asbun, MD, FACS, *Jacksonville, FL***Strategies and Instrumentation for Single Incision Laparoscopic Cholecystectomy**Angel M. Caban, MD, *Gainesville, FL***Wednesday, October 9****VE17 | 8:00 - 11:15 am****General Surgery III***Location: 202*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

W. Scott Melvin, MD, FACS, *Columbus, OH*

PANELISTS:

Diego R. Camacho, MD, *Bronx, NY*Jon C. Gould, MD, FACS, *Milwaukee, WI*Aurora D. Pryor, MD, FACS, *Stony Brook, NY***Bladder Paraganglioma—Clinical Presentation, Diagnostic Work up, and Surgical Management**Jane S. Lee, MD; Meena Said, MD; Michael Palese, MD; William B. Inabnet III, MD, FACS; *New York, NY***Minimally Invasive Resection of Retroperitoneal Mass**Bennet K. Togbe, MB, CHB, FWACS; Ashutosh Kaul, MD, FACS, FRCS(Edin); Anthony Maffei, MD, FACS; Susana Samaniego, MD; Jose Aquino, MD; Serena St. Luce, MD; *New York, NY***Laparoscopic Total Gastrectomy with the Circular Stapled Roux-en-Y Esophago-Jejunostomy and Trans-Oral Anvil**Guilherme M. Campos, MD, FACS; Laura E. Fischer, MD; *Madison, WI***The Suture Scaffold Technique for Segmental Mastectomy Defects**Anthony Lucci, MD; Sarah M. Gainer, MD; *Houston, TX***The Technique of Intra-Thoracic Esophagogastrostomy Using a Linear Stapler in Thoroscopic and Laparoscopic Esophagectomy for Treatment of Esophageal Cancer**Atsushi Itami, MD, FACS; *Kyoto, Japan***Feasibility of Laparoscopic Redo Fundoplication**Elena Orsenigo, MD, FACS; Luigi Totaro; Carlo Socci; Carlo Staudacher, MD; *Milano, Italy***Laparoscopic Ileo-Colic Resection and Fistula Takedown with Intra-corporeal Anastomoses for Crohn's Disease**Meena Said, MD; Barry A. Salky, MD, FACS; *New York, NY***Retrohepatic Vena Cava Sarcoma Resection**Jacqueline M. Stuhldreher, MD; Alex Chang, MD; Virginia L Wong, MD; Christopher Siegel, MD; Julian Kim, MD; *Cleveland, OH***Long-Term Follow-Up in 79 Patients Following Gastric Electrical Stimulation**Sara L. Zettervall, MD; Nathan G. Richards, MD; Richard L. Amdur, PhD; Fredrick J. Brody, MD, FACS; *Washington, DC***Rescue Laparoscopic Nissen Fundoplication after Prior Failed Transoral Incisionless Fundoplication**Linda P. Zhang, MD; L. Michael Brunt, MD, FACS; *St. Louis, MO***Laparoscopic Cystojejunostomy for Pancreatitis, Pseudocyst, and Gastric Outlet Obstruction**Carolina Ampudia, MD; Fernando Safdie, MD; Abraham Betancourt, MD; Pablo Marin, MD; Conrad Simpfordorfer, MD; *Weston, FL***Videoscopic-Assisted Retroperitoneal Debridement**Samuel Ibrahim, MBBCH; Kevin El-Hayek, MD; Sricharan Chalikonda, MD; R. Matthew Walsh, MD, FACS; *Cleveland, OH***Minimally Invasive Esophagectomy with Indocyanine Green Fluorescent Angiography of the Gastric Conduit**Jonathan C. Salo, MD, FACS; Mark K. Reames, MD; *Charlotte, NC***Laparo-Endoscopic Single Site (LESS) Toupet****Fundoplication with Concomitant Cholecystectomy**Sharona B. Ross, MD, FACS; Ty A. Bowman; Carrie E. Ryan; Paul G. Toomey, MD; Alexander S. Rosemurgy, MD, FACS; *Tampa, FL***VE18 | 8:00 - 11:15 am****Pediatric Surgery***Location: 201*

TRACK: PED

COORDINATOR AND PRESIDING OFFICERS:

Timothy D. Kane, MD, FACS, *Washington, DC*Todd A. Ponsky, MD, FACS, *Akron, OH*Steven S. Rothenberg, MD, FACS, FAAP, *Denver, CO***Primary Gastrostomy Button Placement in Children Using a Percutaneous Endoscopic Technique**Grant Garbo, MD; Ioanna G. Mazotas, MD; Christine M. Rader, MD; Brendan T. Campbell, MD, MPH; *Hartford, CT***Thoracoscopic Division of a Vascular Ring in a 12-Year-Old Female**Corey W. Iqbal, MD; James E. O'Brien, MD; Daniel J. Ostlie, MD, FACS; *Kansas City, MO***Video-Assisted Thoracoscopic Surgery (VATS) Ligation of a Complete Vascular Ring**Jonah J. Stulberg, MD, PhD, MPH; Philip Smith, MD, PhD; Michael Spector, PhD; David M. Krpata, MD; Todd A. Ponsky, MD, FACS; *Akron, OH***The Case of the Missing Penny: Thoracoscopic Removal of a Mediastinal Coin**Jillian L. Dumeer, MD; Brendan T. Campbell, MD, FACS; *Hartford, CT*

**The Use of the Video Telescope Operating Monitor (VITOM) in a Repair of a Recurrent H-Type Tracheoesophageal Fistula**

Philip K. Frykman, MD, FACS; Alexandra Gangi, MD; James Williams; George Berci, MD, FACS; *Los Angeles, CA*

**Laparoscopic Resection of Gastric Duplication**

Aaron R. Jensen, MD; Fombe Ndiforchu, MD, MPH, FACS; *Los Angeles, CA*

**Laparoscopic Splenopexy into the Preperitoneal Space as Treatment for Wandering Spleen**

Paul M. Jeziorczak, MD, MPH; Ramin Jamshidi, MD; David R. Lal, MD, FACS; Casey M. Calkins, MD, FACS; *Milwaukee, WI*

**Sternal Elevation Prior to Passing the Bars: A Technique for Prevention of Intercostal Stripping, Improving Visualization, and Facilitating the Minimally Invasive Pectus Excavatum Repair**

Kevin Johnson, MD; Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

**Exstrophic Cecal Duplication: An Interesting Variant Mimicking Cloacal Exstrophy**

David M. Krpata, MD; Jonah Stulberg, MD, PhD; Anthony DeRoss, MD; Lynn Woo, MD; Edward M. Barksdale, MD, FACS; Scott Boulanger, MD, PhD; *Cleveland, OH*

**Microdeformational Therapy: A Novel Option to Salvage Infected Wounds Associated with the Nuss Repair**

Jeff R. Lukish, MD, FACS; Shawn Safford, MD, FACS; Eric Elster, MD, FACS; *Baltimore, MD*

**Temporary and Permanent Gastric Electrical Stimulation in Children with Gastrostomy Tubes**

Samantha R. Cox, DO; Ashley Wolf; Amelia N. Dorsey; Thomas L. Abell, MD, MPH; Saleem Islam, MD, MPH; Frederick J. Brody, MD, FACS; Todd A. Ponsky, MD, FACS; *Akron, OH*

**Robotic-Assisted Laparoscopic Management of a Unicornuate Uterus**

Ali Parsa, MD; Elizabeth Buescher, MD; *Palo Alto, CA*

**Thoracoscopic Repair of Left Sided Congenital Diaphragmatic Hernia in Neonate**

Mikael Petrosyan, MD; Miller Hamrick, MD; Timothy D. Kane, MD, FACS; *Washington, DC*

**Laparoscopic Median Arcuate Ligament Release**

Mikael Petrosyan, MD; Miller Hamrick, MD; Timothy D. Kane, MD, FACS; Philip C. Guzzetta, MD, FACS; *Washington, DC*

**Thoracoscopic Repair of Blunt Tracheal Injury**

Howard I. Pryor II, MD; Khaled Mohsen Al-Omar, MB, BS, MRCS; Seth D. Goldstein, MD; Fray D. Stewart, MD, FACS; *Baltimore, MD*

**Laparoscopic Repair of Bilateral Direct Inguinal Hernias**

Shaun A. Steigman, MD; Francois I. Luks, MD, PhD, FACS; Jeremy T. Aidlen, MD; *Providence, RI*

**Video-Assisted Thoracoscopic Repair of a Lung Hernia in a Child**

Lauren E. McClain, MD; Andre Hebra, MD, FACS; Robert A. Cina, MD, FACS; Christian J. Streck, MD, FACS; *Charleston, SC*

**Left Lower Lobe Segmentectomy for a Congenital Pulmonary Malformation in a Three Month Old**

Steven S. Rothenberg, MD, FACS, FAAP, *Denver, CO*

**VE19 | 9:45 - 11:15 am**

**Subject-Oriented Symposium III: Managing Abdominal Disasters**

*Location: 154*



TRACKS: GEN, TRA

COORDINATOR AND PRESIDING OFFICER:

Kevin M. Reavis, MD, FACS, *Portland, OR*

**Gastric Bypass Revision—Complications**

Rana C. Pullatt, MD, FACS, MRCSCEd; Karl Byrne, MD, FACS; Joe Romagnuolo, MD; Joseph Thomas, MD; Melanie Blenvenu, MD; *Charleston, SC*

**Fundoesophageal Fistula Following Nissen Fundoplication**

John D. Rutkoski, MD; Robert J. Korst, MD, FACS; Benjamin E. Lee, MD; *Waldwick, NJ*

**Unresectable Hepatic Alveolaris Echinococcosis Treated by Combined Living Donor Liver Transplantation and Resection of the Right Atrium**

Michelle L. DeOliveira, MD, FACS; Philipp Dutkowski, MD; Mario Lachat, MD; Beat Mullhaupt; Pierre-Alain Clavien, MD, FACS; *Zurich, Switzerland*

**A Series of Unfortunate Events: Hepatic Abscesses after Endoscopic Ultrasound and Fine Needle Aspiration**

Niket Sonpal, MD; Rebecca Kowalski, MD; Jennifer Montes, MD; David H. Robbins, MD; Paresh C. Shah, MD, FACS; *Hauppauge, NY*

**Huge Parathyroid Carcinoma**

Maria G. Chiofalo, MD; Francesco Scognamiglio, MD; Ugo Marone, MD; Luciano Pezzullo, MD; *Naples, Italy*

**Twisted and Backwards: Situs Inversus, Malrotation and Preduodenal Portal Vein: A Laparoscopic Adventure**

Benjamin R. Biteman, MD, MS; Todd A. Ponsky, MD, FACS; Amelia N. Dorsey; *Youngstown, OH*

**Management of Giant Gastric Trichobezoar**

Steven G. Leeds, MD, *Dallas, TX*; Ahmed M. Sharata, MD; Ashwin A. Kurian, MB, BS; Christy M. Dunst, MD, FACS; Lee L. Swannstrom, MD, FACS; Kevin M. Reavis, MD, FACS; *Portland, OR*

**VE20 | 12:45 - 2:15 pm**

**Movie Classics from the Past**

*Location: 151A*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Steven D. Schweitzberg, MD, FACS, *Cambridge, MA*

**Performance of Femoral-Distal Bypasses**

AUTHORS:

John J. Bergan, MD, FACS

William R. Finn, MD, FACS

James S. T. Yao, MD, FACS

DISCUSSANT: Anton N. Sidawy, MD, FACS, *Washington, DC***Management of Achalasia by Video-Endoscopic Surgery**

AUTHOR: Carlos A. Pellegrini, MD, FACS

DISCUSSANT: Lee L. Swanstrom, MD, FACS, *Portland, OR***Management of Cutaneous Melanoma**

AUTHOR: Charles Balch, MD, FACS

DISCUSSANT: Douglas S. Tyler, MD, FACS, *Durham, NC***Highly Selective Vagotomy**

AUTHOR: Paul H. Jordan, MD, FACS

DISCUSSANTS:

Patrick R. Reardon, MD, FACS, *Houston, TX***VE21 | 12:45 - 2:15 pm****Trauma***Location: 207*

TRACKS: GEN, TRA

COORDINATOR AND PRESIDING OFFICER:

Dennis W. Ashley, MD, FACS, FCCM, *Macon, GA*

PANELISTS:

Mark D. Cipolle, MD, PhD, FACS, *Newark, DE*Christopher J. Dente, MD, FACS, *Atlanta, GA*Frank R. Kennedy, MD, FACS, *San Diego, CA*Ronald J. Simon, MD, FACS, *New York, NY***The Use of Video in Trauma Surgical Education: The Trauma Splenectomy—A Video of Operative Technique and Pearls**Ioana Antonescu, MD; Paola Fata, MD, FACS, FRCS; Kosar Khwaja, MD, FACS; Tarek Razek, MD, FACS, FRCS; Dan L. Deckelbaum, MD, MPH, FRCS; *Montreal, QC***Mobile Learning Modules Enhance Trauma Education: The Focused Assessment with Sonography in Trauma (FAST) Exam**James S. Davis, MD; George D. Garcia, MD; Jill M. Graygo, MPH; Kelly F. Withum, MSPH; Carl I. Schulman, MD, PhD, MSPH, FACS; *Miami, FL***Penetrating Cardiac Trauma: Surgical Management and Technical Pitfalls**Janet Kwan, MD, MS; Paola Fata, MD, FRCS; Talat S. Chughtai, MD, FRCS; Kosar Khwaja, MD, FRCS, FACS; David S. Mulder, MD, FRCS, FACS; Tarek Razek, MD, FRCS, FACS; Dan L. Deckelbaum, MD, MPH, FRCS; *Montreal, QC***The Moberg Advancement Flap**Thomas P. Lehman, MD; Brian Lovelace, MD, *Oklahoma City, OK***Traumatic Detachment of VBP: Surgical Repair**Diego Piazza, MD; Francesco Scaravilli, MD; Salvatore Motta, MD; Davide Mascali, MD; Salvatore Puglia, MD; *Catania, Italy***VE22 | 12:45 - 4:00 pm****Subject-Oriented Symposium IV: ACS Video Atlas Showcase***Location: 103*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Daniel M. Herron, MD, FACS, *New York, NY*Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

PANELIST:

Steven D. Schwaitzberg, MD, FACS, *Cambridge, MA***Inguinal Hernias****Inguinal Hernia: Lichtenstein Tension-Free Repair**David C. Chen, MD, FACS, *Santa Monica, CA***Inguinal Hernia: Minimally Invasive, Open, Preperitoneal Repair (Kugel Technique)**Phillip P. Shadduck, MD, FACS, *Durham, NC***Laparoscopic Inguinal Hernia Repair: Transabdominal Preperitoneal Approach**Kent W. Kercher, MD, FACS, *Charlotte, NC***Laparoscopic Inguinal Hernia Repair: Totally Extraperitoneal Approach**Edward L. Felix, MD, FACS, *Fresno, CA***Laparoscopic Transabdominal Preperitoneal Repair of Obturator and Femoral Hernias**Horacio J. Asbun, MD, FACS, *Jacksonville, FL***Panel Discussion****Abdominal Wall Hernias****Laparoscopic Incisional Hernia Repair**Bruce H. Ramshaw, MD, FACS, *Daytona Beach, FL***Open Ventral Hernia Repair with Component Separation**J. Scott Roth, MD, FACS, *Lexington, KY***Ventral Hernia Repair in the Compromised Surgical Field**Jose J. Diaz, MD, CNS, FACS, FCCM, *Baltimore, MD***Panel Discussion****VE23 | 2:30 - 4:00 pm****Vascular Surgery***Location: 150*

TRACK: VAS

COORDINATOR AND PRESIDING OFFICER:

Lakshmikumar Pillai, MD, FACS, *Morgantown, WV*

PANELISTS:

Sharif H. Ellozy, MD, *New York, NY*Anil P. Hingorani, MD, FACS, *Brooklyn, NY***IVC Filters: Can They Always Be Retrieved?**

Benjamin M. Jackson, MD, FACS; Paul J. Foley, MD;

Ronald M. Fairman, MD, FACS; *Philadelphia, PA*

### **Cystic Adventitial Disease, An Unusual Cause of Claudication**

Marika Y. Gassner, DO; Sachinder S. Hans, MD, FACS; Nina Kolbe, DO; *Warren, MI*

### **Robotic-Assisted Dorsal Sympathectomy for Hand Ischemia**

Sachinder S. Hans, MD, FACS; Steven D. Harrington, MD, FACS; *Warren, MI*

### **Simplified Laparoscopic-Assisted Aortobifemoral Bypass for Aortoiliac Occlusive Disease**

Joseph S. Giglia, MD, FACS, *Cincinnati, OH*

### **Minimally Invasive Treatment of the Median Arcuate Ligament Syndrome Using Robotic Assistance**

Reza J. Mehran, MD, FACS, FRCSC; Tam Huynh, MD, FACS, FRCSC; *Houston, TX*

### **Grading for Risk of Sudden Fatal AVF/AVG Hemorrhage: A Tool for Early Recognition and Proper Treatment**

Victoria J. Teodorescu, MD, FACS; Harry R. Schanzer, MD, FACS; Joseph Vassalotti, MD; Steven Abramowitz, MD; Angela Kokkosis, MD; Johanna Lou; Alexandra Naides; *New York, NY*

### **A Novel Approach to Repair of Pseudoaneurysms of Arteriovenous Fistula**

Jonathan A. Levison, MD, FACS, *Westfield, NJ*

### **VE24 | 2:30 - 5:45 pm Hepatobiliary Surgery**

*Location: 202*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

David A. Kooby, MD, FACS, *Atlanta, GA*

PANELISTS:

Clifford S. Cho, MD, FACS, *Madison, WI*

Charles R. Scoggins, MD, FACS, *Louisville, KY*

### **Segment 6/7 Resection for Hepatocellular Carcinoma in a Cirrhotic Liver**

John Seal, MD; Ian McGilvray, MD, PhD; Paul Greig; Albert Fung, MS; Gordon Tait, PhD; Paul Kelly, MS; Lucine Hotoyan; *Toronto, ON*

### **Robotic Total Pancreatectomy for Intraductal Papillary Mucinous Neoplasm**

Fabio Sbrana, MD, FACS; Alessia Biancafarina, MD; Marta Angelini, MD, PhD; Enrico Andolfi; Riccardo Malatesti, MD; Marco De Prizio, MD; Paolo Benedetti, MD; *Arezzo, Italy*

### **Pure Laparoscopic Living Donor Left Hepatectomy with a Hanging Maneuver**

Go Wakabayashi, MD, PhD, FACS, *Morioka, Japan*

### **Surgical Aspects of the Mesentericoportal Venous Reconstruction in Hepato-Bilio-Pancreatic Surgery**

Emilio Vicente, MD, FACS; Yolanda Quijano, MD, PhD; Hipolito Duran, MD, PhD; Benedetto Ielpo, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Catalina Oliva, MD; Sergio Olivares, MD; Valentina Ferri; Juan Roman, MD; *Madrid, Spain*

### **Radical but Conservative Liver Resection for Large Centrally Located Hepatocellular Carcinoma: The Mini Upper-transversal Hepatectomy**

Fabio Procopio, MD; Matteo Cimino, MD; Matteo Donadon, MD; Daniele Del Fabbro, MD; Carlos A. Garcia-Etienne, MD; Guido Torzilli, MD, PhD; *Milano, Italy*

### **Laparoscopic Right Portal Vein Transection for Staged Hepatectomy**

Marc G. Mesleh MD; John A. Stauffer, MD; Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

### **Robot-Assisted Resection of Bismuth Type 4 Cholangiocarcinoma with Bile Duct Resection, Pylorus Preserving Pancreato-Duodenectomy, and Triductal Hepatico Jejunostomy**

Eduardo Fernandes, MD, PhD, MRCS; Francesco Maria Bianco, MD; Mario Masrur, MD; Luca Milone, MD; Despoina Daskalaki, MD; Xiaoying Wang, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

### **Robotic Enucleation of Branch Duct Intraductal Papillary Mucinous Neoplasms in the Pancreatic Head**

Venu G. Pillarisetty, MD; Darren D. Bowe, MD; Saubh Khandelwal, MD, FACS; *Seattle, WA*

### **Parachute Suture Technique for Arterial Anastomosis in a Living Donor Liver Transplant**

John Seal, MD; Ian McGilvray, MD, PhD; Paul Greig, MD; Albert Fung, MS; Paul Kelly, MS; Gordon Tait, PhD; Lucine Hotoyan; *Toronto, ON*

### **Vile Bile: Unexpected Ascending Cholangitis During Laparoscopic Pylorus-Preserving Pancreaticoduodenectomy**

Rebecca Kowalski, MD; Niket Sonpal, MD; Jennifer Montes, MD; Paresh C. Shah, MD, FACS; *New York, NY*

### **Robotic Transduodenal Resection of an Ampullary Adenoma**

David J. Niemeyer, MD; Kerri A. Simo, MD; Ryan Z. Swan, MD; David Sindram, MD, PhD; David A. Iannitti, MD, FACS; John B. Martinie, MD, FACS; *Charlotte, NC*

### **Laparoscopic Pylorus-Preserving Pancreatoduodenectomy with Double Jejunal Loop Reconstruction: An Old Trick for a New Dog**

Marcel Autran Machado, MD; Fabio F. Makdissi, MD; Rodrigo C. Surjan, MD; Marcel C. C. Machado, MD, FACS; *Sao Paulo, Brazil*

### **Robot-Assisted Extended Left Hepatectomy including Caudate Lobe with Retrogastric Intrahepaticojejunostomy for Cholangiocarcinoma**

Mario A. Masrur, MD; Eduardo Fernandes, MD; Luca Milone, MD; Despoina Daskalaki, MD; Xiaoying Wang, MD; Francesco Bianco, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

### **Totally Laparoscopic Anatomical Hepatectomy Exposing the Major Hepatic Veins from the Root Side**

Goro Honda, MD, PhD, FACS; Masanao Kurata, MD, PhD; Shin Kobayashi, MD; Yukihiro Okuda, MD; Katsunori Sakamoto, MD; *Tokyo, Japan*

**Conservative Hepatectomy for Tumours Involving the Middle Hepatic Vein and Segment One: The Liver Tunnel**

Matteo Cimino, MD; Fabio Procopio, MD; Matteo Donadon, MD; Daniele Del Fabbro, MD; Carlos A. Garcia-Etienne, MD; Guido Torzilli, MD, PhD; *Milano, Italy*

**Thursday, October 10**

VE25 | 8:00 - 11:15 am

**Bariatric Surgery**

Location: 201

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Alan A. Saber, MD, FACS, *Brooklyn, NY*

PANELISTS:

Michel Gagner, MD, FACS, *Montreal, QC*  
Raul J. Rosenthal, MD, FACS, FASMB, *Weston, FL*  
Natan Zundel, MD, FACS, *North Miami Beach, FL*

**Laparoscopic Management of an Inadvertent Esophageal Transection during Sleeve Gastrectomy**

Christopher S. Armstrong, MD, FRCSC; Ninh T. Nguyen, MD, FACS; *Orange, CA*

**Laparoscopic Sleeve Gastrectomy in a Patient with Situs Inversus**

Ornela Dervishaj, MD; Alan A. Saber, MD, FACS; Samer Aida, MD; Jason M. Saber; Amer Homsy, MD; *Brooklyn, NY*

**Laparoscopic Sleeve Gastrectomy (LSG) : Management of Gastrocutaneous Fistula**

Pornthep Prathanvanich, MD; Bipan Chand, MD, FACS; *Maywood, IL*

**Laparoscopic Management of a Disrupted Gastric Plication**

Benjamin L. Clapp, MD, FACS, *El Paso, TX*

**Identification and Management of an Intraoperative Anastomotic Leak following Esophagojejunostomy Status Post Revisional Bariatric Surgery**

Jessica Ardila-Gatas, MD; Pablo Marin, MD; Catherine Ho, DO; Yaniv Cozakov, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

**Laparoscopic Revision of the Gastrojejunostomy Due to Staple Line Disruption and Necrosis after Conversion of Banding to Roux-en-Y Gastric Bypass**

Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad Jawad, MD, FACS; *Orlando, FL*

**Laparoscopic-Assisted Transgastric Endoscopy and Remnant Gastrectomy for Lynch Syndrome after Gastric Bypass**

Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad Jawad, MD, FACS; *Orlando, FL*

**Afferent Limb Obstruction at the Ligament of Treitz Due to Gallstone after Gastric Bypass and Cholecystectomy**

Erin M. King, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad Jawad, MD, FACS; *Orlando, FL*

**Laparoscopic Choledochoduodenostomy for Common Bile Duct Stones after Roux-en-Y Gastric Bypass**

Christopher DuCoin, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad Jawad, MD, FACS; *Orlando, FL*

**Laparoscopic Handsewn Re-Gastrojejunostomy for Complicated Roux-en-Y Gastric Bypass**

Giovanni Dapri, MD, FACS, *Brussels, Belgium*

**Laparoscopic Resection of the Anastomotic Ulcer and Revision of Gastrojejunostomy after Roux-en-Y Gastric Bypass**

Michael C. Goldbach, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad Jawad, MD, FACS; *Orlando, FL*

**Laparoscopic Repair of a Gastro-Gastric Fistula and a Hiatal Hernia**

Carlos A. Galvani, MD; Julia Samame, MD; Wanda Good, DO, *Tucson, AZ*

**Laparoscopic Reversal of Roux-en-Y Gastric Bypass to Sleeve Gastrectomy with Maintenance of Enteric Bypass: Is the Benefit Worth the Risks?**

Abdelkader A. Hawasli, MD, FACS; Ahmed Meguid, MD, FACS; Alwyn Harriott, MD, FACS; Bradley Hare, MD; *Saint Clair Shores, MI*

**Techniques and Pearls for the Laparoscopic Duodenal Switch**

Robert Sung, MD; Mitchell S. Roslin, MD, FACS; *New York, NY*



# Scientific Poster Presentations

The Scientific Poster Presentations are listed alphabetically by category. Each poster will be on display only during the date noted on this page. Refer to the page number that follows each category to find information regarding each group of posters, including booth location. Posters will be on display in the Walter E. Washington Convention Center, Exhibit Hall A.

Entrance to the poster presentations is allowed only with an official badge. Spouses, guests, and young adults 16 years of age or older may visit the poster presentations, provided they are registered.

Posters will be on display Monday, October 7, through Wednesday, October 9, from 9:00 am - 4:30 pm. Attendees are especially encouraged to visit the posters during the 11:00 am - 2:30 pm lunch period, when authors will be at their booths to discuss their work and answer questions.

In addition, in an effort to promote and acknowledge the work of these exhibitors, attendees are cordially invited to attend a lunchtime tour of the Posters of Exceptional Merit, facilitated by Program Committee Chair, Valerie W. Rusch, MD, FACS. This presentation will take place Tuesday, October 8, in the Walter E. Washington Convention Center, Exhibit Hall A, from 11:30 am - 12:30 pm.

This year's Posters of Exceptional Merit judges are Valerie W. Rusch, MD, FACS; Quan-Yang Duh, MD, FACS; and Leigh A. Neumayer, MD, FACS.

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# Posters of Exceptional Merit

## Blast Injuries in Patients Treated at a Military Hospital in Afghanistan: Predictors of Mortality

PP47 - M, T, W

John S. Oh, MD, FACS; Michael J. Murray, MD; Jonathan C. Clasper, FRCS(Ed); Creighton Tubb, MD; Thomas Poepping, MD; Paul M. Ryan, MD; Adrian R. Katschke; Erin Moyer, MD. *Landstuhl Regional Medical Center, APO, AE*

## Does a Surgical Career Affect a Woman's Childbearing? A Report on Pregnancy and Fertility Trends Amongst Female Surgeons

PP48 - M, T, W

Elizabeth A. Phillips, MD; Lori B. Lerner, MD; David Petullo; Julie A. Braga, MD. *Boston University Medical Center, MA*

## Fenestrated Endovascular Aneurysm Repair in Octogenarians with Paravisceral Abdominal Aortic Aneurysms

PP49 - M, T, W

Bao-Ngoc Nguyen, MD; Richard Neville MD; Rodeen Rahbar, MD; Richard L. Amdur, PhD; Anton Sidawy, MD, MPH. *George Washington University, DC*

## Image-Guided Surgery: The Impact of Intraoperative Imaging on Risk-Adjusted Quality Outcomes

PP50 - M, T, W

T. Bruce Ferguson, Jr., MD, FACS; Cheng Chen, PhD; Linda Kindell, MSN; Joseph Babb, MD; John Cahill, MD; James Efrid, PhD. *East Carolina Heart Institute, Greenville, NC*

## Innovative Approach of Organ-Level Tissue Engineering using Autologous Decellularized Microcirculatory Constructs as Vascularized Bioscaffolds

PP51 - M, T, W

Lars H. Evers, MD; Wei Liu, MD, PhD; David Simons, MD; Michael Sorkin, MD; Michael W. Findlay, PhD; Jayakumar Rajadas, PhD; Michael T. Longaker, MD, FACS; Geoffrey C. Gurtner, MD, FACS. *Stanford University, CA*

## Loss of Independence in Elderly Patients Undergoing Elective Colon Cancer Resection: Laparoscopic or Open Surgery?

PP52 - M, T, W

Richard Y. Liu, MD; Swarna Weerasinghe, PhD; Geoffrey A. Porter, MD, FRCSC. *Dalhousie University, Halifax, NS*

## Novel Treatment for Hepatico-Jejunostomy Stricture after Common Bile Duct Injury

PP53 - M, T, W

Mariano Gimenez, MD, PhD; Mariano Palermo, MD, PhD, FACS; Dario Berkowski, MD; Pablo Cordoba, MD, PhD, FACS; Gary Duran, MD; Elia Rodriguez, MD; Jorge Cardoso Cuneo, MD, PhD. *Hospital De Clínicas, Buenos Aires, Argentina*

## Surgical Management of Uterine Carcinosarcoma: Is Minimally Invasive Surgery a Feasible Option?

PP54 - M, T, W

Jennifer M. Scalici, MD; Dominique Pearsall; Madeleine Courtney-Brooks, MD; Leigh A. Cantrell, MD, MPH; Christy Walters; Charles A. Leath III, MD,

FACS; Michael A. Finan, MD, FACS; Rodney P. Rocconi, MD. *USA Mitchell Cancer Institute, Mobile, AL*

**The Technical Inventions of Hepatic Vein Reconstruction to Overcome the Small-For-Size Syndrome in Living Donor Liver Transplantation Using Left Liver Graft** PP55 - M, T, W

Mitsuhisa Takatsuki, MD, PhD; Akihiko Soyama, MD, FACS, PhD; Masaaki Hidaka, MD, PhD; Ayaka Kinoshita, MD; Tomohiko Adachi, MD, PhD; Amane Kitasato, MD, PhD; Fumihiko Fujita, MD, FACS, PhD; Kengo Kanetaka, MD, PhD; Tamotsu Kuroki, MD, PhD; Susumu Eguchi, MD, FACS, PhD. *Nagasaki University, Japan*

**Transoral-Vestibule Endoscopic Thyroidectomy: Initial Experience of a New Approach with 20 Consecutive Cases** PP56 - M, T, W

Cunchuan Wang, MD, PhD; Wah Yang, MD; Jingge Yang, MD; Youzhu Hu, MD; Jinyi Li, MD; Jing Huang, MD; Hening Zhai, MD. *First Affiliated Hospital of Jinan University, Guangzhou, China*

## Bariatric Surgery

**Capsaicin Vagal Deafferentation Leads to Improvement in Glucose Homeostasis in Obese Diabetic Rats** PP30 - T

Tara E. Deelman, MD; Hina Y. Bhutta, MD; Ali Ardestani, MD; Ali Tavakkoli, MD, FACS. *Brigham and Women's Hospital, Boston, MA*

**Is the Use of Prosthetic Mesh Recommended in Patients Undergoing Concomitantly Abdominal Wall Hernia Repair and Sleeve Gastrectomy?** PP31 - T

Yaniv Cozakov, MD; Samuel Szomstein, MD, FACS; Julie Kilgore, MD; Fernando M. Safdie, MD; Emanuele Lo Menzo, MD, PhD, FACS; Raul Rosenthal, MD, FACS. *Cleveland Clinic Florida, Weston*

**Laparoscopic Revision of Failed Gastric Banding to Gastric Bypass or Sleeve Gastrectomy** PP32 - T

Kulmeet K. Sandhu, MD; Ali Waqar; Scott Cunneen, MD, FACS; Edward Phillips, MD, FACS; Miguel Burch, MD. *Cedars Sinai Medical Center, Los Angeles, CA*

**Long-Term Efficacy of Adjustable Gastric Banding for Morbid Obesity: An Unfilled Promise** PP33 - T

Logan Rawlins, MD; Peter Hallowell, MD, FACS; Bruce Schirmer, MD, FACS. *University of Virginia, Charlottesville*

**Management of Leak after Sleeve Gastrectomy** PP34 - T

Andre F. Teixeira, MD; Rena C. Moon, MD; Muhammad Jawad, MD, FACS. *Orlando Regional Medical Center, FL*

**Revision of Roux-en-Y Gastric Bypass for Weight Regain, Is it Effective?** PP35 - T

Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad Jawad, MD, FACS. *Orlando Regional Medical Center, FL*

**Sleeve Gastrectomy: A 10-Year-Single-Centre Experience** PP36 - T

Ahmed Abraham, MD; Christoph Sperker, MD; Sirwan Ali-Abdullah, MD; Mathias Kees-Belyus, MD; Anton Landsiedl, MD; Martin Schermann, MD; Stefan Kriwanek, MD; Rudolf Roka, MD. *Krankenanstalt Rudolfstiftung, Vienna, Austria*

## Cardiothoracic Surgery

**Age and Outcome for Open Pharyngo-Esophageal (Zenker's) Diverticulectomy** PP37 - W

Gregory B. Burgoyne, MD; Jarred Bressner; Richard F. Heitmiller, MD, FACS. *Medstar Union Memorial Hospital, Baltimore, MD*

**Challenges Faced by Lung Cancer Survivors in Contrast to Other Cancer Survivors in the U.S.** PP38 - W

Leah M. Backhus, MD, FACS; Steve Zeliadt, PhD; Lynn Reinke, NP, PhD; Rue Tessa, PhD; David Au, MD. *University of Washington, Seattle*

**Continuous-Flow Left Ventricular Assist Device Therapy in Heart-Failure Patients Over 70 Years Old: A Single-Center Experience** PP39 - W

Courtney J. Gemmato, MD; O. Howard Frazier, MD, FACS; William E. Cohn, MD, FACS; Hari Mallidi, MD. *Baylor College of Medicine, Houston, TX*

**Gastroesophageal Reflux Disease: The Diagnostic Value of Barium Esophagram** PP40 - W

Michelle S. Han, MD; Dylan R. Nieman, MD, PhD; Michal J. Lada, MD; Poochong Timratana, MD; Ravinder Sidhu, MD; Christian G. Peyre, MD; Carolyn E. Jones, MD; Thomas J. Watson, MD; Jeffrey H. Peters, MD. *University of Rochester Medical Center, NY*

**Gender Mismatches in Adult Patients with Anomalous Coronaries** PP41 - W

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Mehraneh D. Jafari, MD; Monica Young, MD; Michael Phelan, PhD; Wissam J. Halabi, MD; Steven Mills, MD, PhD; Alessio Pigazzi, MD; Michael Stamos, MD; Joseph C. Carmichael, MD. *University of California Irvine, Orange*

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Dilara Seyidova-Khoshknabi, MD; J. Church, MD; E. Manilich, PhD; Ravi P. Kiran, MB, BS, FACS; I. Emre Gorgun, MD; L. Stocchi, MD; Jon D. Vogel, MD, FACS; Feza H. Remzi, MD, FACS. *The Cleveland Clinic, OH*

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Todd D. Francone, MD; Katia Noyes, PhD, MPH; Aaron Rickles, MD; John Monson, MD, FACS, FASCRS. *University of Rochester Medical Center, NY*

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David Blumberg, FASCRS, FACS; Tara Iorio, PA-C. *University of Pittsburgh Medical Center, PA*

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David N. Armstrong, FRCS(Ed), FACS, FASCRS; Jonathan Snyder, MD; Ibrahim Adamu, MD; Lisa A. Parry, MD. *Georgia Colon and Rectal Surgical Clinic, Lawrenceville*

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Didier Roulin, MD; Mirza Muradbegovic; Dieter Hahnloser, MD; Catherine Blanc, MD; Nicolas Demartines, MD; Martin Hubner, MD. *University Hospital of Lausanne CHUV, Switzerland*

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Mads Klein, MD, PhD; Anders Fischer, MD, ScD, FACS; Jacob Rosenberg, MD, ScD, FACS; Ismail Gögenur, MD, ScD. *Herlev Hospital, University of Copenhagen, Denmark*

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Meredith Redden, MD; Dennis Choat, MD, FASCRS; Arie E. Pelta, MD, FACS, FASCRS. *Atlanta Medical Center, GA*

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Mike R. Langenbach, MD; Stratos Chondros; Stefan Sauerland. *University of Witten Herdecke, Oberhausen, Germany*

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Mads Klein, MD, PhD; Najah Azaquoun, MD; Ismail Gögenur, MD, ScD. *Herlev Hospital, Denmark*

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Tuy D. Hoang, MD; Hisanori Shiomi, MD, PhD, FACS. *Shiga University of Medical Science, Otsu, Japan*

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Aimee N. Di Marco, MB, BS, MRCS; Philip J. Pratt, PhD;

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Ralitza P. Parina, MPH; David C. Chang, PhD, MPH; Brandon A. McCutcheon; Mark A. Talamini, MD, FACS. *University of California, San Diego*

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Juan M. del Rio, MD; Antonio G. Vasquez, MD, FACS, FPCS; Aaron J. Jacildo, MD, FPSGS, FPCS. *Corazon Locsin Montelibano Memorial Regional Hospital, Bacolod City, Philippines*

### A Surgical Approach to Substernal Goiter: Transthoracic Access

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Thomas H. Nagel, MD; Dawn E. Jaroszewski, MD, FACS; Michael L. Hinni, MD; Richard T. Schlinkert, MD. *Mayo Clinic, Phoenix, AZ*

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Jeffrey S. Mino, MD, MPH; Rosebel Monteiro, MD; Allan E. Siperstein, MD. *Cleveland Clinic, OH*

### Impact of Lymph Node Dissection on Disease Specific Survival in Adrenal Cortical Carcinoma

PP96 - T

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### Laparoscopic Retroperitoneal Adrenalectomy Can Be Performed Safely in Morbidly Obese Patients

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Irene Epelboym, MD; Christopher Digesu; Michael G. Johnston, MD; William B. Inabnet III, MD, FACS; John A. Chabot, MD, FACS; John D. Allendorf, MD; James A. Lee, MD, FACS. *Columbia University Medical Center, New York, NY*

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James Norman, MD, FACS, FACE; Jose Lopez, MD, FACS; Rafael Toro, MD; Douglas Politz, MD, FACS. *Norman Parathyroid Center, Wesley Chapel, FL*

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**Influence of Elderly Patient Age on Mortality, Morbidity, and Resource Utilization For General Surgery and Vascular Operations: An Analysis of National Surgical Quality Improvement Program ACS NSQIP® Outcomes**

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**Is Surgical Intervention Avoidable in Cases of Emphysematous Gastritis?**

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Mauricio Szuchmacher, MD; Tyler Bedford, MD; Peter M. Devito, MD, FACS. *Western Reserve Health Education, Youngstown, OH*

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Marina Gabrielle Epstein, MD; Vladimir Schraibman, MD, PhD; Gabriel Maccapani, MD; Antonio Luiz V. Macedo, MD. *Albert Einstein Hospital, São Paulo, Brazil*

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**Liver Abscess and Pseudotumoral Gastric Lesion Caused by Chicken Bone Perforation: Laparoscopic Management**

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Gabriele Ricci, MD; Francesco Fidanza. *San Tommaso dei Battuti Hospital, Portogruaro, Italy*

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Wen-Yao Yin, MD, FACS; Jian-Han Chen, MD; Cheng-Hung Lee, MD; Chang-Kuo Wei, MD. *Dalin Tzu Chi General Hospital, Chia-Yi, Taiwan*

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Brian K. Yorkgitis, PA-C, DO; Joseph F. Rappold, MD, FACS. *Temple University Hospital, Philadelphia, PA*

**Oncological Medium-Term Results of Robotic Gastric Resection**

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Fabio Sbrana, MD, FACS; Marta Angelini, MD, PhD; Alessia Biancafarina, MD; Marta Scricciolo, MD; Niccola Funel, PhD; Marco De Prizio, MD; Enrico Andolfi, MD; Roberto Lelli, MD. *San Donato Hospital, Arezzo, Italy*

**Operative Management of Refractory Neuropathic Inguinodynia by a Laparoscopic Retroperitoneal Approach**

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David C. Chen, MD, FACS; Jonathan R. Hiatt, MD, FACS; Parviz K. Amid, MD, FACS. *University of California, Los Angeles*

**Outcomes of Rives-Stoppa Hernia Repair on a Teaching General Surgery Service**

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Michael D. Honaker, MD; Edward W. Kubek, MD; David G. Jacobs, MD, FACS; William S. Miles, MD, FACS; Gamal Mostafa, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

**Peculiar Behavior of Breast Phyllodes Tumors**

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Adem Akcakaya, MD; Bora Koc, MD; Fazilet Eroztgen, MD; Naim Memmi; Semih Hot; Mehmet K. Yildiz; Zuhail Guzin; Ismail Okan; Gokhan T. Adas. *Bezmialem Vakif University, Istanbul, Turkey*

**Perioperative Safety of Esophageal Fundoplication for Gastroesophageal Reflux in the Morbidly Obese Patient**

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Dana A. Telem, MD; Gerald J. Gracia, MD; Maria Altieri, MD; Aurora D. Pryor, MD. *Stony Brook University Medical Center, New York, NY*

**Persistence of Preoperative Symptomatology in Postcholecystectomy Patients**

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Ajaz A. Malik, MB, BS, FICS; Rauf A. Wani, MB, BS, MRCSd. *Sher-I-Kashmir Institute of Medical Sciences, Srinagar, India*

**Planned Appendectomy in Patients Referred for Cholecystectomy Who Present with Unexpected Right Lower Quadrant Abdominal Pain/Discomfort on Preoperative Physical Exam**

PP113 - M

Harald Larsen Aanning, MD, FACS. *HL Aanning LLC, Yankton, SD*

**Prospective Evaluation of New Intraperitoneal Meshes: An Animal Model**

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Karla S. Martin-Tellez, MD; Angel Martinez-Munive, MD; Isaac Baley-Spindel, MD; Silvia N. Lopez-Hernandez, MD; J. Francisco Molina-Lopez, MD. *American British Cowdray, Mexico City, Mexico*

**Radiographic Evaluation of Biologic Mesh Repair in Ventral Abdominal Herniorrhaphy**

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David M. Adelman, MD, PhD; Kevin Cornwell, PhD. *MD Anderson Cancer Center, Houston, TX*



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*Dokkyo Medical University Koshigaya Hospital, Japan*

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*Kameda Medical Center, Kamogawa, Japan*

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*Teine Keijinkai Hospital, Sapporo, Japan*

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*Kyushu University Beppu Hospital, Japan*

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*Thomas Jefferson University, Philadelphia, PA*

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**The Use of Commercially Available Grafts in Lower Eyelid Reconstruction** PP90 - M  
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**Hypertonic Saline and Pentoxifylline Reduces the Activation of Nuclear Factor Kappa-B (NFkB) and Cytokines Synthesis in a Rat Model of Sepsis Induced by Intestinal Obstruction and Ischemia** PP5 - W  
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Thiago C. Ferreira. *University of Sao Paulo School of Medicine, Brazil*

**Integrated Organ Printer for Surgical Reconstruction**

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Hyun-Wook Kang, PhD; Sang J. Lee, PhD; John D. Jackson, PhD; James J. Yoo, MD, PhD; Anthony Atala, MD. *Wake Forest School of Medicine, Winston-Salem, NC*

**Intestinal Epithelial Cell Growth Dynamics Are Modulated by TLR-4/MyD88 Signaling in a Mouse Model of TPN**

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**No Analgesic Effect of Intraoperative Melatonin Administration after Laparoscopic Cholecystectomy**

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**Perioperative Cardiac Events in Elective Intra-Abdominal Surgery**

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David V. Pham, MD; Paul M. Pearce, MD; Michael A. Goldfarb, MD, FACS. *Monmouth Medical Center, Long Branch, NJ*

**Polarizing Invariant Natural Killer T Cells Towards a Th2 Phenotype Reduces Disease Severity in Intra-Abdominal Sepsis**

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**The Role of Physician Extenders in Surgical Specialty Office Settings: An Analysis of the National Ambulatory Medical Care Survey**

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Ara A. Salibian; Hossein Mahboubi, MD, MPH; Madhukar S. Patel, MD; Edward C. Wu, MD; Darren J. Malinoski, MD, FACS; Hamid R. Djalilian, MD. *University of California-Irvine*

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**Development of a LGR6+ Epithelial Stem Cell-Derived Graft for the Treatment of Full Thickness Soft Tissue Wounds**

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**Effect of Human Acellular Dermal Matrix Processing on Tissue Expander-Associated Capsule Formation**

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Devinder P. Singh, MD; Maryellen Sandor, PhD; Rondald P. Silverman, MD. *University of Maryland School of Medicine, Baltimore*

**Effects of Electrical Stimulation on Wound Healing and Macrophage Motility in an Acute Wound Mouse Model**

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Iuliana D. Bobanga, MD; Deborah S. Barkauskas; Francesca Scrimieri, PhD; Alex Y. Huang, MD, PhD. *University Hospital Case Medical Center, Cleveland, OH*

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Anthony Vo; Omar Bengezi, MD. *Ottawa, ON*

**Epidemiology of Traumatic Upper Extremity Amputation in U.S. Emergency Departments**

PP108 - W

Rika Ohkuma, MD; Shalini Selvarajah, MD; Eric B. Schneider, PhD. *Johns Hopkins Hospital, Baltimore, MD*

**Evaluation of the Role of Noncontact Low-Frequency Ultrasound Therapy on Angiogenesis during Wound Healing**

PP109 - W

Zeshaan N. Maan, MB, BS, MRCS; Michael Januszky, MD; Robert Rennert; Michael W. Findlay, MB, BS, PhD, FRACS; Geoffrey C. Gurtner, MD, FACS. *Stanford University School of Medicine, CA*

**Focal Adhesion Kinase Down-Regulation by Calpain One in Fibroblasts during Diabetic Skin Wound Healing**

PP110 - W

Wei Liu, MD, PhD; Ravi Garg, MD; Geoffrey Gurtner. *Stanford University School of Medicine, CA*

**Global and Endothelial Cell Specific Deletion of SDF-1 Results in Delayed Wound Healing**

PP111 - W

Zeshaan N. Maan, MB, BS, MRCS; Jerry Chen, MD; Ian Vial, MD; Robert Rennert; Michael Sorkin, MD; Sarah Bishop, MD; Melanie Rodrigues, PhD; Dominik Duscher, MD; Michael Findlay, MB, BS, PhD, FRACS; Geoffrey Gurtner, MD, FACS. *Stanford University School of Medicine, CA*

**Locoregional Head and Neck Reconstruction Using Keystone and Related Perforator Flaps: Lessons and Outcomes from 200 Cases**

PP112 - W

Michael W. Findlay, MB, BS, PhD, FRACS; Shiba Sinha, MB, BS; Anthony Rotman, MB, BS; Jeannette Ting, MB, BS; Sian Fairbank, MB, BS, FRACS; Terry Wu, MB, BS, FRACS; Simon Donahoe, MB, BS, PhD; Jeremy Wilson, MB, BS, FRACS; Felix C. Behan, MB, BS, FRACS. *Stanford University School of Medicine, CA*

**Lymphedema Massively Increases the Number of Tissue T-Regulatory Cells**

PP113 - W

Swapna Ghanta, MD; Evan S. Weitman, MD; Nicholas J. Albano; Daniel A. Cuzzzone, MD; Seth Z. Aschen; Gina

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**Comparison of False Negative Rates and Overall Accuracy of Sentinel Lymph Node Biopsy in Phase-3 99mTc-Tilmanocept vs. ACOSOG-Z0360 99mTc-Sulfur Colloid in Head/Neck Squamous Cell Carcinoma**

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André Costa-Pinho, MD; João Pinto-de-Sousa, MD, PhD; José Barbosa, MD, PhD; José Costa-Maia, MD, FACS. *Centro Hospitalar S. João, Porto, Portugal*

**Genitourinary Resection at the Time of Cytoreductive Surgery and Heated Intraperitoneal Chemotherapy (CRS-HIPEC) for Abdominal Carcinomatosis Is Not Associated with Increased Morbidity or Worsened Oncologic Outcomes: A Case-Matched Study**

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**Is Routine Serum Calcium Measurement Required after Thyroidectomy for Cancer?**

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Corradino Campisi, MD, PhD, FACS; Rosalia Lavagno, MD; Melissa Ryan, PhD; Francesco Boccardo, MD, PhD. *University Hospital, San Martino, Genoa, Italy*

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**NSC319726 Reactivates Conformational p53 Mis-Sense Mutants with Impaired Zinc-Binding: Implications for Mutant p53 Targeted Drug Development** PP75 - M

Sumana Narayanan, MD; Xin Yu, PhD; Arnold Levine, PhD; Darren R. Carpizo, MD, PhD, FACS. *Robert Wood Johnson University Hospital, New Brunswick, NJ*

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Jerry J. Trulson, MD; Joshua Pagar, MD; Julie M. Riley, MD; Mark R. Wakefield, MD, FACS; Fuller Phillip, MD; James M. Cummings, MD, FACS; Scott T. Matz, MD. *University of Missouri, Columbia*

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Daniel J. Canter, MD; Maxwell D. Taylor, MD; Caroline G. Tai, MPH; Viraj Master, MD; Kenneth Ogan, MD. *Emory University, Atlanta, GA*

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James C. Rosser, Jr., MD, FACS. *Morehouse School of Medicine, Atlanta, GA*



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Brian J. Dunkin, MD, FACS	Ethicon: honorarium: speaker Boston Scientific: honorarium: speaker Olympus: honorarium: speaker and consultant	PS300 PS121

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Soumitra R. Eachempati, MD, FACS	Cubist: honorarium: speaker Pfizer: honorarium: speaker Astellas: honorarium: speaker	PS100, SP10
Mitchell I. Edelson, MD, FACS	Merck: spouse is employee	SF03
Peter L. Faries, MD, FACS	Covidien: Financial remuneration: consultant, principal investigator	PS123
T. Bruce Ferguson, MD, FACS	Novadaq Technologies, Inc.: Patent licensing rights: Developed IP for Image Analysis	PP08
Michael W. Findlay	Co-author of a textbook on the Keystone Flap: 1/4 of author Royalties from sales of the book: co-author	PP19
Michel Gagner, MD, FACS, FRCSC, FASMBS, FIC	MID: honoraria: speaker Gore: honoraria: speaker Ethicon: honoraria: speaker Covidien: honoraria: speaker Transenterix: Equity: scientific adviser; honoraria: speaker	PS308, VE06
Robert D. Galiano, MD	Healthpoint: honoraria: Speaker	PS234
Paul A. Gardner, MD	Integra LifeSciences Corporation: Consulting fee: Consultant	SF02
Patrick B. Garvey, MD, FACS	LifeCell Corporation: consulting fee: consultant	PS117, VE04
Mario G. Gasparri, MD, FACS	DePuy Synthes: consultant	PS201
Jeffrey E. Gershenwald, MD, FACS	GSK: honoraria: advisory committee Navidea: honoraria: advisory committee	PS111
Matthew I. Goldblatt, MD, FACS	W.L. Gore & Associates: research Funding: researcher in mesh trial	PG21-1
Michael E. Halkos, MD, FACS	Medtronic: honorarium for advisory board member: Intuitive Surgical, Inc: consulting fees: consultant, case obs	SF27, VE03
Bruce L. Hall, MD, PhD, FACS	American College of Surgeons- consultant to the ACS: consultant fee: consultant	PS122, PS232
Regina M. Hampton, MD, FACS	Myriad: honorarium: speaker Life Cell: Honorarium: speaker Genomic Health: honorarium: speaker	SC15
Jennifer A. Heller, MD, FACS	Covidien: consultant, speaker's panel	PS403
B. Todd Heniford, MD, FACS	LifeCell: Fellowship Grant: W.L. Gore: Fellowship Grant: Speaker Ethicon, Inc.: Speaker	SC02, SC08B SF14, SF23
Santiago Horgan, MD, FACS	Olympus.: consultant Intuitive Surgical: speaker	PG20, PS400, VE16
Kevin S. Hughes, MD, FACS	5AM Solutions: owns stocks Myriad Genetics: speaker's Bureau Hughes Risk Apps: Software developer	PG24, PS113, PS205
Pascal Jabbour, MD	consultant for ev3: consultant / proctor	PP02, SF02
William D. Jordan, MD, FACS	Volcano: consulting fees: consultant Terumo, Trivascular: grant / research support: investigator Abbott, LeMaitre, W.L. Gore & Associates, Medtronic: consulting fees: consultant Abbott, Aptus, Biomet, CVRx, Endologix: grant / research support: investigator ev3, W.L. Gore & Associates, Lombard, Maquet, Medtronic: grant / research support: investigator	PG28
Kent W. Kercher, MD, FACS	Bard Inc: honoraria: speaker Ethicon Inc: honoraria: speaker	VE22
Min P. Kim, MD, FACS	Ethicon: honorarium: speaker at VATS Lobectomy Course Covidien: honorarium: speaker at VATS Lobectomy Course	PS313
Dennis R. Klassen, MD	Cook: Paid consultant: Presentor/Lab instructor Bard Canada Inc.: paid consultant: presentor/lab instructor Ethicon Endosurgery: Paid consultant: advisory panel	SC08B
Karl A. LeBlanc, MD, FACS	Davol: Honoraria: speaker Covidien: honoraria: speaker Via Surgical: Own shares and options: consultant and shareholder W.L. Gore & Associates: honoraria: speaker	ME305, PS312, SC08B
Mario M. Leitao, Jr., MD, FACOG	Intuitive Surgical: honorarium: speakers bureau and surgical proctor	PG22
William B. Long, MD, FACS	Synthes Matrix Rib Plating System: Nothing from Synthes for this conference.: Co-inventor who receives royalties on sales, and honoria for speaking at rib plating courses sponsored by Synthes	PS201
Rami Lutfi, MD, FACS	W.L. Gore & Associates: consultant Ethicon: consultant Allergan: consultant	VE14
Marty Makary, MD, MPH, FACS	Newsweek: payment: author Wall Street Journal: payment: author Hospitals and Health care Organizations: honorarium: speaker Lippincott publication of "Surgery Review": Royalties: Co-editor Bloomsbury Press, U.S.A. publication of "Unaccountable": Royalties: author	PS235

Full Name	Disclosure	Session Code
Peter W. Marcello, MD, FACS, FASCRS	Baxter: honorarium: consultant Olympus: honorarium: consultant Covidien: honorarium: consultant Applied Medical: honorarium: consultant	ME304, SC04B, SC09, SC09W, SC11A
Jeffrey M. Marks, MD, FACS	Olympus: honoraria: consultant W.L. Gore & Associates: honoraria: consultant GI Supply: honoraria: consultant Apollo Endosurgery: honoraria: advisory board	PS301, SC04A, SC04B, SC09
John H. Marks, MD, FACS	Covidien: consultant	VE10
John B. Martinie, MD, FACS	I am involved in research and development projects with InnerOptic, a company which is pioneering image guided ultrasound technology. I do not own any stock. We do receive federal research funds for indirect research costs for the joint research projects.	PS109
Brent D. Matthews, MD, FACS	W.L. Gore & Associates: grant; honorarium: co-investigator for multicenter clinical trial; faculty for hernia symposium. Johnson & Johnson: grant: co-investigator for investigator initiated preclinical trial Atrium Medical, Inc: grant: co-investigator for multicentered clinical trial	ME207, PS101, SC08B, VE11
John C. Mayberry, MD, FACS	Acute Innovations, LLC, Hillsboro, OR: research grant support: Principle investigator of IRB approved research Acute Innovations, LLC, Hillsboro, OR: honoraria, consulting fees: Educational speaker, product development consulting	PS201
Anders F. Mellgren, MD, FACS	Medtronic: honorarium: advisory board member, speaker at courses	PG18, PS110
Maxwell V. Meng, MD, FACS	Dendreon: honorarium: steering committee	SF09
Daniel L. Miller, MD, FACS	Ethicon Endosurgery, Inc: Honorarium: advisory Board	PG20, PS217
Ernest E. Moore, MD, FACS	research Support: Haemonetics: PI	PS208
Forrest O'Dell Moore, MD, FACS	Royalties from Wiley-Blackwell: Royalties from book sales: Editor Surgical Critical Care & Emergency Surgery: Clinical Questions and Answers	PG26
Kenric M. Murayama, MD, FACS	Covidien: Honoraria: speaker	VE05
Matthew G. Mutch, MD, FACS	Applied Medical: stock options: consulting	PS306, SC09, SC11A
Richard F. Neville, MD, FACS	W.L. Gore & Associates: 4,000: speaker honoraria; 9,000: Scientific advisory Board	PS118, PS234
Yuri W. Novitsky, MD	Davol: honorarium: speaker bureau, consulting Lifecell: honorarium: speaker bureau, consulting	SC08, VE04
Oluyinka O. Olutoye, MBChB, FACS	Cas Med Inc: research support: principal investigator	SF11
Dennis P. Orgill, MD, PhD, FACS	KCI: consultant L'Oreal: consultant Lifecell Corp.: consultant Integra LifeSciences: consultant/speaker services	SF35
John T. Paige, MD, FACS	Oxford University Press: Royalties: co-editor for Simulation in Radiology	SF04
Jean M. Panneton, MD, FACS, FRCSC	Medtronic Inc.: honorarium: consultant & speakers bureau	PG28
Jennifer Paruch, MD	Genetech: I have received an unrestricted educational grant to support my salary.	SF29
Eric M. Pauli, MD	Bard: honorarium: lectures Synthes: honorarium: lectures	SC04B, SC08B, VE04
Eric K. Peden, MD, FACS	Bard: honorarium: speaker ANNA SE: honorarium: speaker W.L. Gore & Associates: honorarium: speaker & consultant Complete Conference Management (CiDA): honorarium: speaker	PG28, PS324
Jeffrey H. Peters, MD, FACS	Torax Medical: grant Support: PI C2 therapeutics: grant Support: PI Torax Medical Inc: honoraria: advisory board	PS300, VE06
Melissa S. Phillips, MD	Allergan: consulting fee: advisory board, consultant LifeCell: consulting fee: consultant W.L. Gore & Associates: consulting fee: consultant Cook Medical: consulting fee: consultant	SC04B, SC08B
Alessio Pigazzi, MD, PhD, FACS	Intuitive Surgical: payments to university for Epicenter observation cases: consultant	PG22, SC11A
Andrew N. Pollak, MD FACS	Zimmer: Royalties on sale of external fixator I designed; Design surgeon	SC01
Alfons Pomp, MD, FACS, FRCSC	Covidien: honorarium: speaker W.L. Gore & Associates: honorarium: speaker	PS312, VE11
Jeffrey L. Ponsky, MD, FACS	U.S. Endoscopy: consulting fee (myself): consultant	ME103, PS121, SC04B

Full Name	Disclosure	Session Code
Dana D. Portenier, MD, FACS	W. L. Gore & Associates: Education grant ALLERGAN: research grant Teleflex: consultant Covidien: consultant Intuitive: Proctor	SF04
Archana Ramaswamy, MD, FACS, FRCS	Covidien: honoraria: Teaching	PS223, SC08A, SC08B
Bruce Ramshaw, MD, FACS	B Braun: honorarium: consultant, speaker Ethicon: honorarium: consultant, speaker W.L. Gore & Associates: honorarium: consultant, speaker Covidien: honorarium: consultant, speaker Novus Scientific: honorarium: consultant, speaker Soft Tissue Science: honorarium: consultant, speaker	SC08B, VE22
James B. Ray, PharmD, CPE	Millennium Laboratories: Myself: speaker bureau for Pharmacogenetic Testing	PG25
Jeremy D. Richmon, MD FACS	Intuitive Surgical, Inc: fee: proctor	VE08
Joseph J. Ricotta II, MD, FACS	W.L. Gore & Associates: consultant Fees: consultant Cook Medical: consultant Fees: consultant Medtronic Inc: consultant Fees: consultant	PS317
Sandro B. Rizoli, MD, FACS	CSL Behring: honorarium: member scientific advisory committee NovoNordisk: honorarium: member scientific advisory committee	SF24
Sergio Roll	COVIDIEN: nothing: speaker and adviser BBraun/Aesculap: nothing: speaker and adviser Insightra Medical: nothing: speaker and adviser Johnson & Johnson: nothing: speaker and adviser	SC08B
Raul J. Rosenthal, MD, FACS, FASMB	Baxter: Educational grant: Surgery of the Foregut Ethicon: honoraria: faculty; educational grant: Surgery of the Foregut Symposium Covidien: educational grant: Surgery of the Foregut Symposium Karl Storz: Educational grant: research / PI	PS120, VE25
Merrick I. Ross, MD, FACS	GSK: honorarium/Travel Expense Reimbursement: advisory Board Member, consultant, speaker's Bureau Merck, Inc: honorarium/Travel Expense Reimbursement: advisory Board Member, speaker's Bureau	PS111
Sharona B. Ross, MD, FACS	Olympus: honorarium: speaker	VE17
John S. Roth, MD, FACS	CR Bard: honoraria: consulting	SC08B, VE15, VE22
Justin M. Sacks, MD, FACS	LifeCell Corporation: consulting/speaking Fees: consultant/speaker LifeCell	SF14, SF25, SF35
Marc L. Schermerhorn, MD, FACS	Endologix: consulting: DSMB member	PS123
Allen D. Seftel, MD, FACS	Endo: honorarium: consultant Lilly: honorarium: consultant Auxilium: nothing: scientific study; honorarium: consultant Abbott/abbvie: honorarium: consultant journal of urology: honorarium: editorial board	PS315
Don J. Selzer, MD, MS, FACS	W.L. Gore & Associates: honoraria: speaker Cook Biotech: honoraria: speaker, medical advisory Board	VE15
Anthony J. Senagore, MD, FACS	Cubist Pharmaceutical: honoraria: advisory board/ speaker Edwards Life Sciences: honoraria: advisory board/speaker Pacira Pharmaceutical: honoraria: advisory board	PS400
Phillip P. Shadduck, MD, FACS	LifeCell: research support; consultant Fees: research; clinical investigator; consultant Bard/Davol: consultant Fees: consultant	SF04
Rahul K. Shah, MD, FACS	HIPPOmsg: Equity: Co-Founder, Equity Stockholder MyCareText: nothing: consultant	PG25
Victoria K. Shanmugam, MD	NIH: KL2 and R01 grants: PI	PS234
Marc A. Singer, MD, FACS	Olympus: honorarium: consultant	PG18, SC09
Devinder P. Singh, MD	KCI Inc: <\$10,000: consultant LifeCell Corp: <\$10,000: consultant	PP19, SF35
Michael J. Singh, MD, FACS	Covidien: me: speaker	PS403
Ronald F. Sing, DO, FACS, FCCM	speaker bureau: honoraria: professional education	SC02
Vernon K. Sondak, MD, FACS	Merck: Compensation: consultant Navidea: Compensation: consultant Provectus: Compensation: consultant Glaxo Smith Kline: Compensation: Data Safety Monitoring Committee member Bristol Myers Squibb: Compensation: Data Safety Monitoring Committee member	PS111
Julie A. Sosa, MD, FACS	Exelixis: One time honorarium: One time steering committee (note: not relevant to my anaplastic thyroid cancer session)	PG16-2, PS124

Full Name	Disclosure	Session Code
Benjamin W. Starnes, MD, FACS	Cook Group Incorporated: Nothing: Intellectual Property	PG28
Ezra Steiger, MD, FACS	NPS: honorarium: Chairing an Educational Panel Supported by NPS	PS302
David E. Stein, MD FACS, FASCRS	Ethicon Endosurgery: Honoraria: Teach laparoscopic courses	SC11B
Magesh Sundaram, MD, FACS	ACS Commission on Cancer: \$10,000 in 2012: Surveyor for the Commission on Cancer	PS105
Lee L. Swanstrom, MD, FACS	Olympus: research / education grants: investigator, course director Apollo Medical: reimbursement: scientific advisor Boston Scientific: reimbursement: investigator, advisor	PG20, SC04A, SC04B, VE06, VE20
David J. Terris, MD, FACS	Johnson & Johnson: honorarium: Director, Thyroid Courses	ME310, PG16-2, PS108, PS124, SP14
Geoffrey B. Thompson, MD, FACS	XOMA: \$1,500: advisory Board	PG16-1
Michelle E. Toder, MD, FACS	Intuitive Surgical: honoraria: I am a proctor and educator for Intuitive Surgical	PG22
Edouard J. Trabulsi, MD, FACS	Dendreon: financial compensation: consultant Johnson & Johnson: financial compensation: consultant Medivation/Astellas: financial compensation: consultant	VE14
Thadeus L. Trus, MD	Olympus: honorarium: consultant	SC04A, SC04B
Ralph P. Tufano, MD, FACS	Medtronic: consulting fee: consultant Ethicon Endosurgery: consulting fee: consultant	PG16-1, PS108, PS124
Sarah A. Vogler, MD	Salix Pharmaceuticals, Solesta: honorarium: advisory board	PS314
Thomas J. Walsh, MD	Amgen: monetary compensation: consultant Auxillium: monetary compensation: consultant Endo Healthcare Solutions: monetary compensation: consultant and speaker	PS315
Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCS(Ed)	Covidien: royalties: inventor Intuitive Surgical: stock options: consulting Karl Storz Endoscopy-America: consulting fees: consultant	VE02
Prof. Norman S. Williams	Consultant to Frankenman International: consultancy fee. Share of royalties via agreement with my employer, Queen Mary, University of London, relating to instrumentation designed by me	NL09
Bruce M. Wolfe, MD, FACS	EnteroMedics: research contract to Oregon Health and Science University. I do not receive financial compensation: investigator	PS308
Alex K. Wong, MD, FACS	Allergan: research Funding: PI Kensey Nash: research Funding: PI	SF25, SF35
Patrick J. Woodman, DO, FACS	Ethicon Women's Health & Urology: received an unrestricted educational grant to supply slings: investigator, videographer	VE09
Sherry M. Wren, MD, FACS	Intuitive Surgical: money payments for consulting or proctoring: consultant and proctor	PG22, PS220, PS309, SC01
Jin S. Yoo, MD, FACS	Covidien: honoraria: speaker / consultant W.L. Gore & Associates: honoraria: speaker / consultant Cook Medical: honoraria: speaker / consultant	SC08B
Michael E. Zenilman, MD, FACS	Champions in Oncology: stock options: consultant	SF31
Natan Zundel, MD, FACS, FASMB	Ethicon Endosurgery: Honoraria: Proctor/speaker Apollo Endosurgery: Fees: Advisor	VE25

# Committees

## Program Committee of the American College of Surgeons

*Responsible for planning and implementing the continuing education offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 12-member committee, more than 30 liaison members represent the various disciplines and groups in surgery.*

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## American College of Surgeons Foundation

*The mission of the American College of Surgeons (ACS) Foundation is to promote voluntary philanthropy from Fellows and friends of the ACS to support the College's goals for improving surgical patient care and ensuring the professional standing of surgeons wherever they practice. The Foundation is governed by a volunteer Board of Directors, all of whom are Fellows of the College. The ACS Foundation has a single beneficiary: The ACS and, by extension, all those who benefit from its programs in optimal patient care, professional education, and advocacy.*

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## ACSPA-SurgeonsPAC Board of Directors

*The American College of Surgeons Professional Association (ACSPA) is an affiliated not-for-profit corporation founded by the ACS Board of Regents in 2002 to develop new products and services to benefit surgeons and their patients. An initial and major component of ASCPA's efforts is the formation of a political action committee (PAC) that will work to improve the legislative and regulatory climate in which surgeons practice.*

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## Standing Committees of the American College of Surgeons

### Accreditation Review Committee

*The Accreditation Review Committee consists of fellows of the College who have expertise in various aspects of skills education and training, in addition to directing their own centers. The members of the Committee are appointed by the College and will serve a term of three years, with an option for reappointment for a second three year term. The Committee meets twice a year to make accreditation decisions. In addition, as needed, the Committee will evaluate the effectiveness of the overall ACS Program for the Accreditation of Education Institutes. The purpose of the Accreditation Review Committee is to review the data and information submitted in the application, and gathered from the site surveyors. The Accreditation Review Committee will*

*make the overall accreditation decision, determining whether or not an institution that submits an application meets the criteria for accreditation as a Comprehensive or Focused Institute.*

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Kathleen A. Johnson, EdM, *Chicago, IL*  
Cathy Wojcik, *Chicago, IL*

### Commission on Cancer

*Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multidisciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities, and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership is comprised of 96 individuals who are either surgeons representing the College or member organization representatives from the 51 national, professional organizations affiliated with the Commission. The activities of the Commission are coordinated through the Accreditation, Cancer Liaison, Education, Executive, Member Organization Steering, and Quality Integration Committees.*

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David N. Bimston, MD, FACS, *Hollywood, FL*  
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 Carolyn C. Compton, MD, PhD, FCAP, *Rockville, MD*  
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 Geoffrey P. Dunn, MD, FACS, *Erie, PA*  
 Brenda K. Edwards, PhD, *Bethesda, MD*  
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 Peter T. Hetzler, MD, FACS, *Little Silver, NJ*  
 Janie K. Hofacker, RN, MS, *Pittsburgh, PA*  
 Thomas B. Julian, MD, FACS, *Pittsburgh, PA*  
 Luana Lamkin, RN, MPH, *Boise, ID*  
 Michael Lanuti, MD, FACS, *Boston, MA*  
 Pierre Lavertu, MD, FACS, *Cleveland, OH*  
 Carol H. Lee, MD, FACR, *New York, NY*  
 James B. Lockhart, Jr., MD, FACS, *Tulsa, OK*  
 Joan S. McClure, *Fort Washington, PA*  
 Charles L. McGarvey III, PT, DPT, FAPTA, *Rockville, MD*  
 Ryan P. Merkow, MD, *Chicago, IL*  
 Serban Negoita, MD, DrPH, *Rockville, MD*  
 Heidi Nelson, MD, FACS, *Rochester, MN*  
 Jed G. Nuchtern, MD, FACS, *Houston, TX*  
 Marcus Plescia, MD, MPH, *Atlanta, GA*  
 Louis Potters, MD, FACR, *New Hyde Park, NY*  
 Ruth Rechis-Oelker, *Austin, TX*  
 John A. Ridge, MD, FACS, *Philadelphia, PA*  
 Eric M. Rohren, MD, PhD, *Houston, TX*  
 Valerie W. Rusch, MD, FACS, *New York, NY*  
 Rowena M. Schwartz, PharmD, BCOP, *The Woodlands, TX*

Craig D. Shriver, MD, FACS, *Laurel, MD*  
 Lawrence N. Shulman, MD, *Boston, MA*  
 Jean F. Simpson, MD, *Nashville, TN*  
 Kim Thiboldeaux, *Washington, DC*  
 Alan G. Thorson, MD, FACS, *Omaha, NE*  
 Virginia Vaitones, MSW, OSW-C, *Rockport, ME*  
 Susan Van Loon, RN, CTR, *Gibbsboro, NJ*  
 Lynne I. Wagner, PhD, *Chicago, IL*  
 Paul E. Wallner, DO, FACR, FASTRO, *Bethesda, MD*  
 William H. Ward, Jr., MD, *Suffolk, VA*  
 Joan L. Warren, RN, PhD, *Bethesda, MD*  
 Scott Weissman, MS, CGC, *Evanston, IL*  
 Nina Wendling, *Silver Spring, MD*  
 Julia R. White, MD, *Milwaukee, WI*

## MEMBERS:

Nita Ahuja, MD, FACS, *Baltimore, MD*  
 Bruce J. Averbook, MD, FACS, *Cleveland, OH*  
 Lisa Bailey, MD, FACS, *Oakland, CA*  
 Harry D. Bear, MD, FACS, *Richmond, VA*  
 David J. Bentrem, MD, FACS, *Chicago, IL*  
 Ned Z. Carp, MD, FACS, *Wynnewood, PA*  
 Charles Cheng, MD, FACS, *Appleton, WI*  
 Larry D. Dillon, MD, FACS, *Colorado Springs, CO*  
 Stephen J. Dreyer, MD, FACS, *Fremont, NE*  
 Stephen B. Edge, MD, FACS, *Memphis, TN*  
 Kirsten Kilborne H. Edmiston, MD, FACS, *Fairfax, VA*  
 Thomas L. Eisenhower, MD, FACS, *Hendersonville, NC*

Matthew A. Facktor, MD, FACS, *Danville, PA*  
 Paul T. Finger, MD, FACS, *New York, NY*  
 Robert M. Flanigan, MD, FACS, *East Dundee, IL*  
 James L. Frank, MD, FACS, *Longmeadow, MA*  
 James J. Hamilton, Jr., MD, FACS, *Topeka, KS*  
 Steven N. Hochwald, MD, FACS, *Buffalo, NY*  
 Ted A. James, MD, FACS, *Burlington, VT*  
 Howard L. Kaufman, MD, FACS, *Chicago, IL*  
 Leslie J. Kohman, MD, FACS, *Syracuse, NY*  
 Daniel R. Kollmorgen, MD, FACS, *Des Moines, IA*  
 Nipun B. Merchant, MD, FACS, *Nashville, TN*  
 Mary J. Milroy, MD, FACS, *Yankton, SD*  
 Christopher M. Pezzi, MD, FACS, *Abington, PA*  
 Robert J. Piorkowski, MD, FACS, *Hartford, CT*  
 Joe B. Putnam, Jr., MD, FACS, *Nashville, TN*  
 Richard C. Reznichuk, MD, MHA, *Torrance, CA*  
 Phillip Y. Roland, MD, FACS, *Hartford, CT*  
 Patrick Ross, Jr., MD, FACS, *Columbus, OH*  
 Terry Sarantou, MD, FACS, *Charlotte, NC*  
 Allen Silbergleit, MD, FACS, *Pontiac, MI*  
 Robert P. Sticca, MD, FACS, *Grand Forks, ND*  
 Magesh Sundaram, MD, FACS, *Urbana, IL*  
 Thomas J. Tachovsky, MD, FACS, *Bethlehem, PA*  
 Danny Morito Takanishi, Jr., MD, FACS, *Honolulu, HI*  
 Steven D. Wexner, MD, FACS, *Weston, FL*  
 Lee G. Wilke, MD, FACS, *Madison, WI*  
 David J. Winchester, MD, FACS, *Evanston, IL*  
 Douglas E. Wood, MD, FACS, *Seattle, WA*

## STAFF LIAISONS:

Lynda Watt, *Chicago, IL*  
 David P. Winchester, MD, FACS, *Glencoe, IL*

## Committee on Allied Health Professionals

*Charge: To comprehensively address the educational needs of allied health professionals as members of surgical teams, to educate surgeons regarding the role of allied health professionals, to support and assist allied health professionals involved in surgical care, to participate in defining duties of allied health professionals, and to assist with the process of accreditation of their respective educational programs.*

CHAIR: Constantine V. Godellas, MD, FACS, *Maywood, IL*

VICE-CHAIR: Reid B. Adams, MD, FACS, *Charlottesville, VA*

## EXECUTIVE COMMITTEE:

Lawrence T. Kim, MD, PhD, FACS, *Little Rock, AR*

## MEMBERS:

Brian D. Badgwell, MD, FACS, *Houston, TX*  
 Edward M. Barksdale, Jr., MD, FACS, *Cleveland, OH*  
 Scott F. Gallagher, MD, FACS, *Winston-Salem, NC*  
 Mehra Golshan, MD, FACS, *Boston, MA*  
 Howard M. Ross, MD, FACS, *Red Bank, NJ*  
 Michael D. Seidman, MD, FACS, *West Bloomfield, MI*  
 Alexandra L. B. Webb, MD, FACS, *Dallas, TX*

## CONSULTANTS:

Daniel T. Dempsey, MD, FACS, *Philadelphia, PA*  
 Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*  
 Richard H. Turnage, MD, FACS, *Little Rock, AR*

## STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Patrice Gabler Blair, MPH, *Chicago, IL*  
 Kim Echert, *Chicago, IL*  
 Krashina S. Hudson, *Chicago, IL*

## Committee on Continuous Professional Development

*The Committee on Continuous Professional Development comprehensively addresses the educational needs of practicing surgeons in both academic and community-based settings, across the surgical disciplines, and throughout the different career stages, from the junior- to senior-level surgeon.*

CHAIR: Douglas F. Wooster, MD, FACS, *Toronto, ON*

### MEMBERS:

Adam B. Goldin, MD, FACS, *Seattle, WA*  
 Carl E. Haisch, MD, FACS, *Greenville, NC*  
 Richard C. Karl, MD, FACS, *Tampa, FL*  
 Scott R. Schell, MD, FACS, *Chagrin Falls, OH*  
 Roger P. Tatum, MD, FACS, *Seattle, WA*

### STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*  
 Patrice Gabler Blair, MPH, *Chicago, IL*  
 Ulrike Langenscheidt, *Chicago, IL*

## Committee on Diversity Issues

*The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups. To this end, the Committee seeks recognition and support from the ACS through the College's mission policies and programs.*

CHAIR: Anthony G. Charles, MB, BS, FACS, *Chapel Hill, NC*

### MEMBERS:

Karyn L. Butler, MD, FACS, *Hartford, CT*  
 Zara Cooper, MD, FACS, *Roxbury, MA*  
 Nestor F. Esnaola, MD, FACS, *Philadelphia, PA*  
 Amelia C. Grover, MD, FACS, *Richmond, VA*  
 Harry P. Marshall, MD, FACS, *Washington, DC*  
 Juan J. Nogueras, MD, FACS, *Parkland, FL*  
 Heron E. Rodriguez, MD, FACS, *Chicago, IL*  
 Juan A. Sanchez, MD, FACS, *Baltimore, MD*  
 Ponnandai Sadasivan Somasundar, MB, BS, FACS, *East Greenwich, RI*  
 Mallory Williams, MD, FACS, *Toledo, OH*

RAS REPRESENTATIVE: Jason D. Keune, MD, *St. Louis, MO*

STAFF: Charlotte Grill, *Chicago, IL*

## Committee on Education

*The Committee on Education provides the overall direction, guidance, and coordination for the spectrum of educational activities of the ACS and comprehensively addresses the needs of various learners, including practicing surgeons, surgery residents, Fellows, and medi-*

*cal students, at the various stages in their professional development and from across the surgical disciplines.*

CHAIR: Julie A. Freischlag, MD, FACS, *Baltimore, MD*

### MEMBERS:

Andre R. Campbell, MD, FACS, *San Francisco, CA*  
 Constantine V. Godellas, MD, FACS, *Maywood, IL*  
 Barrett G. Haik, MD, FACS, *Memphis, TN*  
 William Barlow Inabnet III, MD, FACS, *New York, NY*  
 Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*  
 Valerie W. Rusch, MD, FACS, *New York, NY*  
 John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*  
 Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

### STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*  
 Patrice Gabler Blair, MPH, *Chicago, IL*  
 Linda Lupi, *Chicago, IL*  
 Katie Jacob, *Chicago, IL*

## Committee on Emerging Surgical Technology and Education

*The Committee on Emerging Surgical Technology and Education studies the implications of emerging surgical technologies and suggests the best methods of developing generic policies that will accelerate education in this area and protect our patients' welfare.*

CHAIR: Barrett G. Haik, MD, FACS, *Memphis, TN*

### MEMBERS:

Robison V. Paul Chan, MD, FACS, *New York, NY*  
 Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*  
 Liane Sari Feldman, MD, FACS, FRCSC, *Montreal, QC*  
 Piero Marco Antonio Fisichella, MD, FACS, *Maywood, IL*  
 Pier Cristoforo Giulianotti, MD, FACS, *Chicago, IL*  
 Brendan C. Visser, MD, FACS, *Stanford, CA*

LIAISON: David M. Mahvi, MD, FACS, *Chicago, IL*

EX OFFICIO: Carlos A. Pellegrini, MD, FACS, FRCSC, *Seattle, WA*

### CONSULTANTS:

Gerald M. Fried, MD, FACS, FRCSC, *Montreal, QC*  
 Thomas M. Krummel, MD, FACS, *Stanford, CA*

### STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*  
 Patrice Gabler Blair, MPH, *Chicago, IL*  
 Catherine Elliott, *Chicago, IL*

## Committee on Ethics

*The Committee on Ethics provides the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.*

CHAIR: Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

### MEMBERS:

Peter Angelos, MD, FACS, *Chicago, IL*  
 Karen J. Brasel, MD, FACS, *Milwaukee, WI*  
 John M. Daly, MD, FACS, *Philadelphia, PA*  
 Henri R. Ford, MD, FACS, *Los Angeles, CA*  
 Richard B. Fratianne, MD, FACS, *Cleveland, OH*

Wayne Alix Ian Frederick, MD, FACS, *Washington, DC*  
 Enrique Hernandez, MD, FACS, *Philadelphia, PA*  
 Raymond F. Morgan, MD, FACS, *Charlottesville, VA*  
 Richard B. Reiling, MD, FACS, *Charlotte, NC*  
 Margaret Schwarze, MD, FACS, *Madison, WI*  
 Mark Siegler, MD, FACP, *Chicago, IL*  
 Eric A. Singer, MD, *Bethesda, MD*

## STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*  
 Patrice Gabler Blair, MPH, *Chicago, IL*  
 Marcia Arnemann

## Committee for the Forum on Fundamental Surgical Problems

*The Committee for the Forum on Fundamental Surgical Problems selects abstracts for the Owen H. Wangenstein Forum on Fundamental Surgical Problems.*

CHAIR: O. Joe Hines, MD, FACS, *Los Angeles, CA*

VICE-CHAIR: Mary T. Hawn, MD, FACS, *Birmingham, AL*

## MEMBERS:

Peter A. Argenta, MD, FACS, *Minneapolis, MN*  
 Amelia M. Bartholomew, MD, FACS, *Chicago, IL*  
 Karen R. Borman, MD, FACS, *Abington, PA*  
 Frederick Y. Chen, MD, FACS, *Boston, MA*  
 Timothy A. Damron, MD, FACS, *Syracuse, NY*  
 Dev M. Desai, MD, FACS, *Dallas, TX*  
 Justin B. Dimick, MD, FACS, *Ann Arbor, MI*  
 Geoffrey C. Gurtner, MD, FACS, *Stanford, CA*  
 Peter K. Henke, MD, FACS, *Ann Arbor, MI*  
 Kelly K. Hunt, MD, FACS, *Houston, TX*  
 Ted A. James, MD, FACS, *Burlington, VT*  
 Kimberly S. Kirkwood, MD, FACS, *San Francisco, CA*  
 John C. Marshall, MD, FACS, *Toronto, ON*  
 Jeffrey B. Matthews, MD, FACS, *Chicago, IL*  
 Babak J. Mehrara, MD, FACS, *New York, NY*  
 Frederick A. Moore, MD, FACS, *Gainesville, FL*  
 Michael S. Mulligan, MD, FACS, *Seattle, WA*  
 Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*  
 Timothy M. Pawlik, MD, MPH, FACS, *Baltimore, MD*  
 Raj Som Pruthi, MD, FACS, *Chapel Hill, NC*  
 Robert G. Sawyer, MD, FACS, *Charlottesville, VA*  
 Edith Tzeng, MD, FACS, *Pittsburgh, PA*  
 Jeffrey S. Upperman, MD, FACS, *Los Angeles, CA*  
 William C. Welch, MD, FACS, *Philadelphia, PA*  
 Michael E. Zenilman, MD, FACS, *Bethesda, MD*

## STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*  
 Julie Tribe, MEd, *Chicago, IL*  
 Kathy Matousek, *Chicago, IL*

## Comprehensive Communications Committee

*The Comprehensive Communications Committee helps formulate communications messaging to target the existing and evolving audiences that the College needs to reach. These audiences include our members, the public-at-large, policymakers, major corporations, the*

*health care industry, and so on. The members of the committee provide input regarding all communication tools (print, Web, blast e-mail, video, social media). One of the main goals of this effort is to achieve consistent messaging for all College programs and initiatives, such as ATLS®, CoC, ACS NSQIP®, health policy and advocacy, the Inspiring Quality initiative, and other ACS programs.*

CHAIR: Marshall Z. Schwartz, MD, FACS, *Philadelphia, PA*

## MEMBERS:

Farrell C. Adkins, MD, *Weston, FL*  
 Philip R. Caropreso, MD, FACS, *Keokuk, IA*  
 Joseph J. DuBose, MD, FACS, *Missouri City, MD*  
 Scott J. Ellner, DO, FACS, *Avon, CT*  
 Julie A. Freischlag, MD, FACS, *Baltimore, MD*  
 Philip L. Glick, MD, FACS, *Buffalo, NY*  
 Francis D. Moore, Jr., MD, FACS, *Boston, MA*  
 Kimberly A. Ruscher, MD, *West Hartford, CT*  
 Heena P. Santry, MD, FACS, *Worcester, MA*  
 Kenneth W. Sharp, MD, FACS, *Nashville, TN*  
 Howard M. Snyder III, MD, FACS, *Philadelphia, PA*  
 Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*  
 Mark C. Weissler, MD, FACS, *Chapel Hill, NC*  
 Michael J. Zinner, MD, FACS, *Boston, MA*

EX OFFICIO: David B. Hoyt, MD, FACS, *Chicago, IL*

STAFF LIAISON: Lynn Kahn, *Chicago, IL*

## General Surgery Coding and Reimbursement Committee

*Formerly called the CPT/RUC Committee, the General Surgery Coding and Reimbursement Committee represents and acts in the interests of general surgeons and their clinical practices regarding regulatory, legislative, and other issues that impact coding, billing, and reimbursement for general surgical services.*

CHAIR: Chad A. Rubin, MD, FACS, *Columbia, SC*

VICE-CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

## MEMBERS:

Karen R. Borman, MD, FACS, *Abington, PA*  
 Albert Bothe, Jr., MD, FACS, *Danville, PA*  
 John Ochsner Gage, MD, FACS, *Pensacola, FL*  
 Charles D. Mabry, MD, FACS, *Pine Bluff, AR*  
 Charles T. McHugh, MD, FACS, *Baileyville, ME*  
 Megan E. McNally, MD, *Kansas City, MO*  
 Lee R. Morisy, MD, FACS, *Memphis, TN*  
 Mark T. Savarise, MD, FACS, *Salt Lake City, UT*  
 Christopher K. Senkowski, MD, FACS, *Savannah, GA*  
 Kenneth B. Simon, MD, FACS, *Gulfport, MS*  
 Michael J. Sutherland, MD, FACS, *Pine Bluff, AR*  
 Robert M. Zwolak, MD, FACS, *Lebanon, NH*

## STAFF LIAISONS:

Jenny Jackson, *Washington, DC*  
 Bob Jasak, *Washington, DC*  
 Vinita Ollapally, *Washington, DC*

## Health Policy Advisory Council

*The Health Policy Advisory Council is responsible for fostering an extensive grassroots advocacy network throughout the Fellowship of the College. Councilors are expected to develop expertise on legislative, political, and regulatory issues in order to serve as a two-way communication pathway between Fellows at-large and the Division of Advocacy and Health Policy, and to mentor future members of other health care committees.*

CHAIR: Charles D. Mabry, MD, FACS, Pine Bluff, AR

VICE-CHAIR: Howard M. Snyder III, MD, FACS, Philadelphia, PA

### MEMBERS:

Juan A. Asensio-Gonzalez, MD, FACS, Miami, FL

Charles V. Coren, MD, FACS, Westbury, NY

Daniel J. Frey, MD, FACS, Lafayette, LA

James W. Gigantelli, MD, FACS, Omaha, NE

Ronald I. Gross, MD, FACS, Springfield, MA

Sara L. Hartsaw, MD, FACS, Gillette, WY

Albert Man-Chung Kwan, MD, FACS, Clovis, NM

John C. Mayberry, MD, FACS, Portland, OR

Leonard J. Weireter, Jr., MD, FACS, Norfolk, VA

### STAFF LIAISON:

John Hedstrom, JD, Washington, DC

## Health Policy and Advocacy Group

*The purpose of the Health Policy and Advocacy Group is to identify public policy issues and concerns affecting surgeons and our patients; prioritize these issues and concerns; identify those that the ACS should focus its attention and resources on, and recommend these priorities to the Board of Regents; develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt; expand and monitor mechanisms by which the ACS makes surgeons, our patients, and the public aware of our health policies and agendas; and develop and maintain mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.*

CHAIR: Andrew L. Warshaw, MD, FACS, Boston, MA

VICE-CHAIR: Michael J. Zinner, MD, FACS, Boston, MA

### EX OFFICIO:

A. Brent Eastman, MD, FACS, San Diego, CA

Julie A. Freischlag, MD, FACS, Baltimore, MD

### MEMBERS:

John H. Armstrong, MD, FACS, Ocala, FL

Robert R. Bahnson, MD, FACS, Columbus, OH

Patrick Vance Bailey, MD, FACS, Phoenix, AZ

H. Randolph Bailey, MD, FACS, Houston, TX

James K. Elsey, MD, FACS, Lawrenceville, GA

Paul Michael Jeziorczak, MD, Milwaukee, WI

Robert Roman Lorenz, MD, FACS, Cleveland, OH

Charles D. Mabry, MD, FACS, Pine Bluff, AR

John Gerard Meara, MD, FACS, Boston, MA

Carlos A. Pellegrini, MD, FACS, Seattle, WA

Chad A. Rubin, MD, FACS, Columbia, SC

Marshall Z. Schwartz, MD, FACS, Philadelphia, PA

Hugh E. Scully, MD, FACS, MSc, FRCS, FACC, FAHA, Toronto, ON

Howard M. Snyder III, MD, FACS, Philadelphia, PA

Joseph J. Tepas III, MD, FACS, Jacksonville, FL

STAFF LIAISON: Christian Shalgian, Washington, DC

## Committee on Informatics

*The charge to the committee is to guide the College in methods to propagate and disseminate information for education of the Fellowship; evaluation and preparation of interactive technologies for all aspects of Fellowship management and education; the preparation and maintenance of policies necessary to coordinate and ensure compatibility of information technology (IT) within the College; participation in national committees and leadership organizations that direct the application of health care IT (HIT) and direct HIT policy; and a gradual, but continuous, migration of all forms of communication within the College, between the College and its Fellowship, and among the Fellowship, from conventional methods to methods utilizing the latest mainstream technology.*

CHAIR: Andrew Rose Watson, MD, FACS, Pittsburgh, PA

### MEMBERS:

Samir M. Fakhry, MD, FACS, Charleston, SC

Ellen Thomason Farrokhi, MD, MPH, FACS, Seattle, WA

Raquel M. Forsythe, MD, FACS, Pittsburgh, PA

Niraj Jaysukh Gusani, MD, FACS, Hershey, PA

Daniel M. Herron, MD, FACS, New York, NY

David R. Hunt, MD, FACS, Hyattsville, MD

Gretchen Purcell Jackson, MD, PhD, FACS, Nashville, TN

Samuel M. Mahaffey, MD, FACS, Norfolk, VA

Genevieve B. Melton-Meaux, MD, FACS, Minneapolis, MN

Allan Okrainec, MD, FACS, Toronto, ON

Archana Ramaswamy, MD, FACS, Minneapolis, MN

Patrick R. Reardon, MD, FACS, Houston, TX

Carter T. Smith, MD, Madison, WI

Kiran K. Turaga, MB, BS, Milwaukee, WI

Erik G. Van Eaton, MD, FACS, Seattle, WA

Danielle Saunders Walsh, MD, FACS, Greenville, NC

Mark C. Weissler, MD, FACS, Chapel Hill, NC

George Chun-Hei Wu, MD, New York, NY

Michael W. Yeh, MD, FACS, Los Angeles, CA

### STAFF LIAISONS:

Howard Tanzman, Chicago, IL

Patti Anderson, Chicago, IL

## International Relations Committee

*The International Relations Committee promotes relationships between the College and surgeons throughout the world in the areas of clinical practice, education, and research in order to provide a basis for optimal health care delivery.*

CHAIR: Stephen Arthur Deane, MB, BS, FACS, FRCS, FRCS, Fennell Bay, NSW, Australia

VICE-CHAIR: Jamal J. Hoballah, MD, FACS, Beirut, Lebanon

### MEMBERS:

Adeyinka C. Adisa, MB, BS, FACS, Uturu, Abia State, Nigeria

Waddah Badir Al-Refaie, MB, BCh, FACS, *Washington, DC*

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

Miguel A. Cainzos, MD, FACS, *Santiago de Compostela, Spain*

Herbert Chen, MD, FACS, *Madison, WI*

Quyen D. Chu, MD, FACS, *Shreveport, LA*

Nocif J. Espot, MD, FACS, *Providence, RI*

Alberto R. Ferreres, MD, FACS, *Buenos Aires, CF, Argentina*

Bimal C. Ghosh, MD, FACS, *New York, NY*

Heitham Talal Hassoun, MD, FACS, *Baltimore, MD*

Michael J. Hollands, MB, BS, FACS, FRACS, *Castlecrag, NSW, Australia*

Lenworth M. Jacobs, Jr., MD, FACS, *Hartford, CT*

Takashi Kanematsu, MD, FACS, *Nagasaki, Japan*

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

Rifat Latifi, MD, FACS, *Doha, Qatar*

Graham T. Layer, DM, MCh, FACS, *Cobham, England*

Jane E. Mendez, MD, FACS, *Boston, MA*

Nicolas J. Mouawad, MD, *Columbus, OH*

Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS, *Rome, Italy*

Jianan Ren, MD, FACS, *Nanjing, China*

Valerie W. Rusch, MD, FACS, *New York, NY*

Loren S. Schechter, MD, FACS, *Morton Grove, IL*

Richard D. Schulick, MD, FACS, *Aurora, CO*

George Velmahos, MD, FACS, FRCSC, *Boston, MA*

#### SPECIAL MEMBERS:

Richard J. Finley, MD, FACS, *Vancouver, BC*

Fabrizio Michelassi, MD, FACS, *New York, NY*

#### STAFF LIAISONS:

Patricia L. Turner, MD, FACS, *Chicago, IL*

Kate Early, *Chicago, IL*

## Legislative Committee

*The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal legislation and policy issues that come before the U.S. Congress with the potential to affect the needs, interests, and roles of surgeons and surgical patients.*

CHAIR: John G. Meara, MD, FACS, *Boston, MA*

#### MEMBERS:

H. Randolph Bailey, MD, FACS, *Houston, TX*

Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

Steven Li-Wen Chen, MD, FACS, *Los Angeles, CA*

Edward E. Cornwell III, MD, FACS, *Washington, DC*

John B. Hanks, MD, FACS, *Charlottesville, VA*

Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

Matthew B. Martin, MD, FACS, *Greensboro, NC*

Don J. Selzer, MD, FACS, *Indianapolis, IN*

Margaret Clarke Tracci, MD, FACS, *Charlottesville, VA*

STAFF LIAISON: John Hedstrom, JD, *Washington, DC*

## Committee on Medical Student Education

*The Committee on Medical Student Education's mission is to comprehensively address the educational needs*

*in surgery for medical students during all four years of medical school, to support educational efforts that facilitate the transition from medical school to residency training, and to facilitate the involvement of medical students in the educational activities of the ACS.*

CHAIR: Andre R. Campbell, MD, FACS, *San Francisco, CA*

VICE-CHAIR: Celeste M. Hollands, MD, FACS, *Spanish Fort, AL*

#### MEMBERS:

Christopher P. Brandt, MD, FACS, *Cleveland, OH*

Rebecca Evangelista, MD, FACS, *Falls Church, VA*

Mary A. Hooks, MD, FACS, *Nashville, TN*

Ted A. James, MD, FACS, *Burlington, VT*

Thomas S. Riles, MD, FACS, *New York, NY*

Susan Steinemann, MD, FACS, *Honolulu, HI*

Stephen C. Yang, MD, FACS, *Baltimore, MD*

#### CONSULTANT:

James F. McKinsey, MD, FACS, *New York, NY*

#### RESIDENT MEMBER:

Jaime A. Cavallo, MD, MPhS, *St. Louis, MO*

RAS REPRESENTATIVE: Priya Iyer, MD, *Cleveland, OH*

#### STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Patrice Gabler Blair, MPH, *Chicago, IL*

Kim Echert, *Chicago, IL*

Krashina S. Hudson, *Chicago, IL*

## Committee on Optimal Access

*The ACS Committee on Optimal Access takes the position that there is an irrefutable association between the incidence of and outcomes from, a host of surgical diseases and the many barriers (real and artificial) to access to care.*

CHAIR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI (Hon), FC(SA)(Hon), *Norfolk, VA*

#### MEMBERS:

Edward E. Cornwell III, MD, FACS, *Washington, DC*

Margaret M. Dunn, MD, FACS, *Dayton, OH*

A. Brent Eastman, MD, FACS, *Rancho Santa Fe, CA*

Adil H. Haider, MB, BS, FACS, *Baltimore, MD*

William P. Schecter, MD, FACS, *San Francisco, CA*

Beth H. Sutton, MD, FACS, *Wichita Falls, TX*

Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*

Thomas F. Tracy, Jr., MD, FACS, *Providence, RI*

STAFF LIAISON: Maxine Rogers, *Chicago, IL*

## Patient Education Committee

*The Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee aims to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills neces-*

sary to participate in their surgical care and continued postoperative care upon discharge.

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## Committee on Perioperative Care

*The Committee on Perioperative Care (CPC) serves as the primary resource to the College, the profession, the community, and the government on topics concerning perioperative care. The mission of the CPC is to develop and present information and recommendations related to education, technology, standards of care, clinical and facilities management, and assessment of outcomes.*

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## Committee on Resident Education

*The Committee on Resident Education comprehensively addresses the educational needs of surgical residents and Fellows from across the surgical disciplines and supports the educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.*

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## Resident and Associate Society (RAS-ACS)

*The RAS-ACS serves to familiarize surgical residents and young surgeons with the ACS and its programs and the value of being a Fellow. The RAS-ACS provides opportunities for the opinions and concerns of residents and young surgeons to be heard by the ACS leadership. The RAS-ACS provides an avenue for participation in ACS affairs and promotes the development and use of leadership skills in organized surgery.*

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*The mission of the Advisory Committee is to produce and administer the Surgical Education and Self-Assessment Program (SESAP®) and to aid surgeons in attaining and maintaining the high-level of knowledge and understanding necessary to provide optimal patient care.*

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## Committee on Trauma

*The mission of the Committee on Trauma is to improve all phases of the management of the injured patient including pre-hospital care and transportation, hospital care, and rehabilitation; to prevent injuries in the home, in industry, on the highway, and during participation in sports; to establish and implement institutional and systems standards for care of the injured; to provide education to improve trauma care; and to cooperate with other national organizations with similar objectives.*

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## Committee on Video-Based Education

*The Committee on Video-Based Education surveys existing videos, decides upon subjects suitable for video illustration, and determines and develops the demand for such videos.*

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## Women in Surgery Committee

*The mission of the Women in Surgery Committee is to enable women surgeons of all ages and practice types to develop their individual potential as professionals, promote an environment that fosters inclusion, respect, and success, develop, encourage and advance women surgeons as leaders, and provide a forum and networking opportunities to enhance women's surgical career satisfaction.*

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## Young Fellows Association

*The Young Fellows Association serves as an inclusive organization for Young Fellows (45 years old and younger); provides opportunities for Young Fellows to be involved with College activities (four Work Groups are available: Advocacy, Communications, Education, and Member Services); plans and conducts an annual Leadership Conference, which is held in conjunction with the Advocacy Summit; and presents an annual forum during the Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.*

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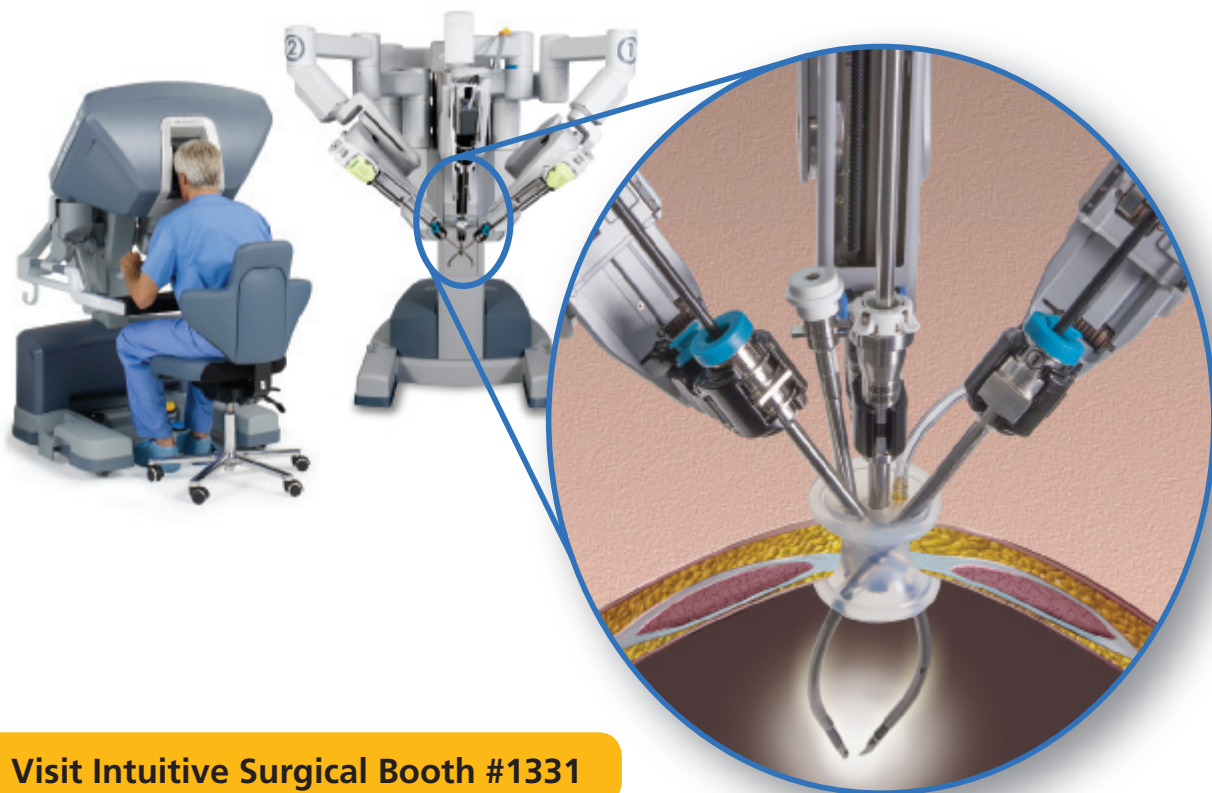


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*da Vinci®* Surgery



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All surgery carries risk. Results, including cosmetic results, may vary. Serious complications may occur with *da Vinci* Surgery, up to and including death. Potential risks of *Single-Site* Surgery include conversion to other surgical techniques and multiple incisions. Risks specific to gallbladder surgery, including surgery with *da Vinci*, include pancreatitis; urinary retention and hernia at the incision site.<sup>1,2</sup> *Single-Site™* Instruments for the *da Vinci® Si™* System bear the CE mark. This device is cleared for commercial distribution in the U.S. for laparoscopic cholecystectomy, and for hysterectomy and salpingo-oophorectomy for benign conditions. The safety and effectiveness of *Single-Site™* Instrumentation for use in the performance of general laparoscopic abdominal and pelvic surgery procedures have not been established. Contraindications applicable to the use of conventional endoscopic instruments also apply to the use of all *da Vinci* instruments, including *Single-Site* Instrumentation. General contraindications for endoscopic surgery include bleeding diathesis, morbid obesity and pregnancy. For instructions for use, indications, contraindications, warnings and precautions, and safety information, please refer to the *Single-Site™* Instruments & Accessories for the *da Vinci® Si™* System User Manual, PN 551184.

1. Pietrabissa A, Sbrana F, Morelli L, Badessi F, Pugliese L, Vinci A, Klersy C, Spinoglio G. Overcoming the challenges of single-incision cholecystectomy with robotic single-site technology. Arch Surg. 2012 Aug;147(8):709-14. 2. Wren SM, Curet MJ. Single-port robotic cholecystectomy: results from a first human use clinical study of the new *da Vinci* single-site surgical platform. Arch Surg. 2011 Oct;146(10):1122-7. Epub 2011 Jun 20. Virtually scarless surgery with *da Vinci* Surgery is supported in Pietrabissa 2012.

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